

"THIS DOCUMENT AND SPECIFICATION HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION."
COPYRIGHT (C) 1987, DIGITAL EQUIPMENT CORPORATION

TABLE OF CONTENTS, FIELD MAINTENANCE PRINT SET PART NO. MP02509-01

[illegible]

UNIT VARIATIONS COVERED BY THIS PRINT SET
VT320-A2, VT320-A3, VT320-B2, VT320-B3, VT320-C2, VT320-C3, VT320-G2, VT320-H2, VT320-J2

K-DD-VT320-0-00	DRAWING DIRECTORY		
K-PL-VT320-0-DBP	PARTS LIST		
E-UA-VT320-0-DBU	UNIT ASSY		
B-DD-5417189-0-0	MONITOR, LOGIC CONTROL MODULE	B-DD-5417277-0-0	MONITOR, LOGIC CONTROL MODULE
B-CS-5417189-0-1	SCHEMATIC	B-CS-5417277-0-1	SCHEMATIC
D-UA-5417189-0-0	UNIT ASSY	D-UA-5417277-0-0	UNIT ASSY
K-PL-5417189-0-DBP	PARTS LIST	K-PL-5417277-0-DBP	PARTS LIST
E-AD-7024240-0-DBU	CRT/BEZEL/YOKE ASSY	D-AD-7024244-0-DBU	POWER SUPPLY ASSY
K-PL-7024240-0-DBP	PARTS LIST	K-PL-7024244-0-DBP	PARTS LIST
B-DD-5417191-0-0	POWER SUPPLY	B-DD-5417279-0-0	POWER SUPPLY
B-CS-5417191-0-1	SCHEMATIC	B-CS-5417279-0-1	SCHEMATIC
D-UA-5417191-0-0	UNIT ASSY	D-UA-5417279-0-0	UNIT ASSY
K-PL-5417191-0-DBP	PARTS LIST	K-PL-5417279-0-DBP	PARTS LIST
E-AD-7024245-0-DBU	BOTTOM ASSY	E-AD-7024242-0-DBU	COVER ASSY
K-PL-7024245-0-DBP	PARTS LIST	K-PL-7024242-0-DBP	PARTS LIST
B-DD-5417339-0-0	ARC PROTECTION MODULE	D-IA-7024577-0-DBU	MONITOR & LOGIC W/ARC PROTECTION
B-CS-5417339-0-1	SCHEMATIC	K-PL-7024577-0-DBP	PARTS LIST
D-UA-5417339-0-0	UNIT ASSY		
K-PL-5417339-0-DBP	PARTS LIST		

[illegible][illegible]

d	i	g	i	t	a	i	DRN:	Bruce Harvey
							CHK'D:	R. J. Lin
							DES.ENG:	J. Kuo
							FLD S'VC:	Mike Andehali
TOP DOCUMENT K-DD-VT320-O-G							MF'G.ENG:	Gordon Wu

DATE	24	MAR	87	TITLE: TABLE OF CONTENTS, VT320 MONO TEXT				
DATE	07	JUL	87	TERMINAL W AND W/O PWR CORD				
DATE	07	JUL	87	-----				
DATE	07	JUL	87	SECTION	SHEET	DOCUMENT NUMBER	REV	
DATE	07	JUL	87	A OF A	1 OF 1	K-TC-VT320-0-0	A	

"THIS DOCUMENT AND SPECIFICATION HEREIN, ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION."
COPYRIGHT (C) 1987. DIGITAL EQUIPMENT CORPORATION

DOCUMENT/PART NO.	DESCRIPTION	DOCUMENT/PART REVISIONS
VT320-A2	MONO WHT,TEXT TERM,120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG,VT3XX-BA(LEGEND STRIP)	A01
VT320-A3	MONO WHT,TEXT TERM,240V W/RS232(NO KYBD/PWR) EK-VT320-UU	A01
VT320-B2	MONO GRN,TEXT TERM,120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG,VT3XX-BA(LEGEND STRIP)	A01
VT320-B3	MONO GRN,TEXT TERM,240V W/RS232(NO KYBD/PWR) EK-VT320-UU	A01
VT320-C2	MONO AMB,TEXT TERM,120V W/ATTCH PWR CD(NO KYBD/RS232) EK-VT320-UG,VT3XX-BA(LEGEND STRIP)	A01
VT320-C3	MONO AMB,TEXT TERM,240V W/RS232(NO KYBD/PWR) EK-VT320-UU	A01
VT320-G2	MONO WHT,TEXT TERM,120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU,VT3XX-BA(LEGEND STRIP)	A01
VT320-H2	MONO GRN,TEXT TERM,120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU,VT3XX-BA(LEGEND STRIP)	A01
VT320-J2	MONO AMB,TEXT TERM,120V W/RS232(NO KYBD/PWR CD) EK-VT320-UU,VT3XX-BA(LEGEND STRIP)	A01
K-PL-VT320-0-DBP	PARTS LIST	A
E-UA-VT320-0-DBU	UNIT ASSY	A
K-TC-VT320-0-0	TABLE OF CONTENTS	A
DRAWING DIRECTORY REVISION		A

NOTES:

REVISION HISTORY												
DATE	ECO NUMBER		REV	DATE	ECO NUMBER		REV	DATE	ECO NUMBER		REV	
	INITIAL		A									
d	i	g	i	t	a	l	DRN:	Bruce Harvey	DATE	17 Mar 87	TITLE:	DRAWING DIRECTORY, VT320 MONO TEXT
							CHK'D:	R.J. Lin	DATE	07 Jul 87		TERMINAL W/ AND W/O PWR CORD
							DES.ENG:	J. Kuo	DATE	07 Jul 87		
							RES. ENG:	O. Lin	DATE	07 Jul 87	SECTION	SHEET
							MFG.ENG:	Gordon Wu	DATE	07 Jul 87	A OF A	1 OF 1
											DOCUMENT NUMBER	REV
											K-DD-VT320-0-0	A

AUTOMATED BY VAXKPL (V1.3)

PARTS LIST

SHEET A1 OF A2

LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	A2 A1	A3 A1	B2 A1	B3 A1	C2 A1	C3 A1	G2 A1	H2 A1	J2 A1
1	1	D-IA-7024577-0-DBU	70-24577-01	A	MONITOR AND LOGIC W/ARC PROTECTION	1	-	1	-	1	-	-	-	-
2	2	D-IA-7024577-0-DBU	70-24577-02	A	MONITOR AND LOGIC W/ARC PROTECTION	-	1	-	1	-	1	1	1	1
3	3	E-AD-7024240-0-DBU	70-24240-01	A	CRT/BEZEL/YOKE ASSY WHT	1	1	-	-	-	-	1	-	-
4	4	E-AD-7024240-0-DBU	70-24240-02	A	CRT/BEZEL/YOKE ASSY, GRN	-	-	1	1	-	-	-	1	-
5	5	E-AD-7024240-0-DBU	70-24240-03	A	CRT/BEZEL/YOKE ASSY, AMB	-	-	-	-	1	1	-	-	1
6	6	E-AD-7024242-0-DBU	70-24242-01	A	COVER ASSY	1	1	1	1	1	1	1	1	1
7	7	D-AD-7024244-0-DBU	70-24244-01	A	PS 120V W/ATTACHED PWR CORD	1	-	1	-	1	-	-	-	-
8	8	D-AD-7024244-0-DBU	70-24244-02	A	PS 120-240V W/O PWR CORD	-	1	-	1	-	1	1	1	1
9	9	E-AD-7024245-0-DBU	70-24245-01	A	BOTTOM ASSY	1	1	1	1	1	1	1	1	1
10	10	C-MD-7434816-0-DBU	74-34816-01	A	COVER	1	-	1	-	1	-	-	-	-
11	11	C-MD-7434531-0-DBU	74-34531-01	A	BAFFLE	1	1	1	1	1	1	1	1	1
12	12	SEE GEN NOTES 1 TO 6	36-28183-01		LABEL,REGULATORY NORTH AMERICAN VT	1	-	1	-	1	-	-	-	-
13	13	SEE GEN NOTES 1 TO 6	36-28183-02		LABEL,REGULATORY INTERNATIONAL VT3	-	1	-	1	-	1	1	1	1
14	14		36-26331-17		LABEL,SERIAL,VT320-A2	1	-	-	-	-	-	-	-	-
15	15		36-26331-18		LABEL,SERIAL,VT320-A3	-	1	-	-	-	-	-	-	-
16	16		36-26331-19		LABEL,SERIAL,VT320-G2	-	-	-	-	-	-	1	-	-
17	17		36-26331-20		LABEL,SERIAL,VT320-B2	-	-	1	-	-	-	-	-	-
18	18		36-26331-21		LABEL,SERIAL,VT320-B3	-	-	-	1	-	-	-	-	-
19	19		36-26331-22		LABEL,SERIAL,VT320-H2	-	-	-	-	-	-	-	1	-
20	20		36-26331-23		LABEL,SERIAL,VT320-C2	-	-	-	-	1	-	-	-	-
21	21		36-26331-24		LABEL,SERIAL,VT320-C3	-	-	-	-	-	1	-	-	-
22	22		36-26331-25		LABEL,SERIAL,VT320-J2	-	-	-	-	-	-	-	-	1
23	23	C-PA-3701001-0-DBU	37-01001-01		PKG MONITOR VT320	1	-	1	-	1	-	-	-	-
24	24		12-28172-01		CONN,D SUB ADAPTOR	1	-	1	-	1	-	-	-	-
25	25		17-00811-02		CABLE ASSY 06COND OVAL 26AWG LAN C	1	-	1	-	1	-	-	-	-
26	26		36-20220-A1		LABEL,KEYBOARD,VT320 NORTH AMERICA	1	-	1	-	1	-	1	1	1
27	27		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	1	1	1	1	1	1	1	1
28	28		EK-VT320-UG		INSTLL/USING VT320 VIDEO TERMNL NO	1	-	1	-	1	-	-	-	-
29	29		EK-VT320-UU		INSTALLING AND USING THE VT320 VID	-	1	-	1	-	1	1	1	1

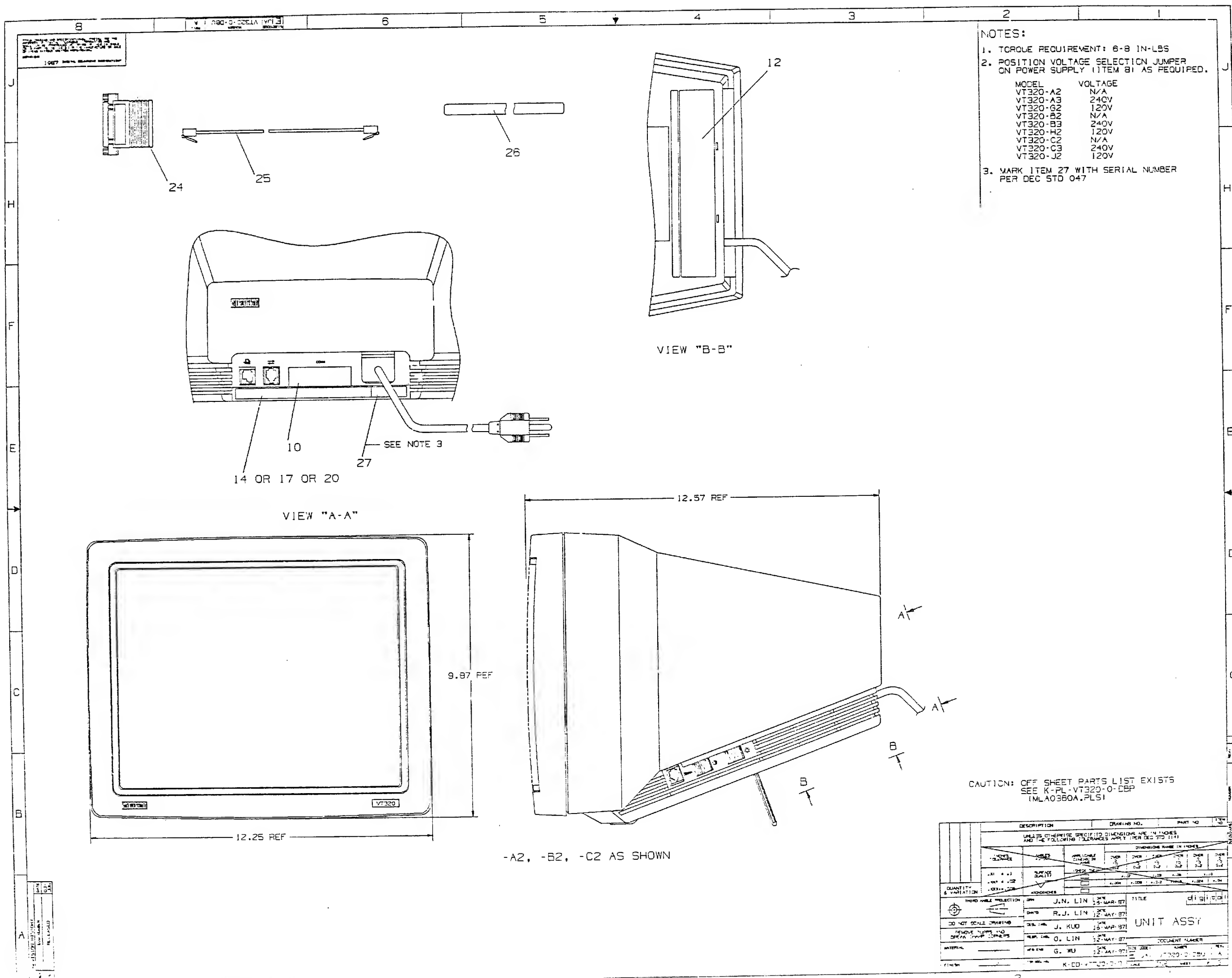
REVISION HISTORY		KPL MATRIX FORMAT		SECTION A OF A	DRN: J. N. LIN	DIGITAL			
					DATE: 17-SEP-86				
ENG:	ECO NUMBER	REV	SECTION/VARIATION INDEX		CHK'D: R. J. LIN	TITLE PARTS LIST			
---	INITIAL	A	[A] A2,A3,B2,B3,C2,C3,G2,H2,J2		DATE: 08-MAY-87	UNIT ASSY			
			[B]						
			[C]		DES.ENG: J. KOU				
			[D]		DATE: 17-SEP-86				
			[E]			DOCUMENT NUMBER			
			[F]		RESP.ENG.: O. LIN	SIZE	CODE	NUMBER	REV
			[H]		DATE: 09-MAY-87	K	PL	VT320-0-DBP	A
			[J]						
					MFG.ENG: GORDON WU	RELEASE DATE: 24-JUL-87			
					DATE: 11-JUN-87	RELEASE STATUS: RELEASED			
		BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #
		VT320		E-UA-VT320-0-DBU	K-DD-VT320-0-0		MLA0360A.PLS		32
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."									

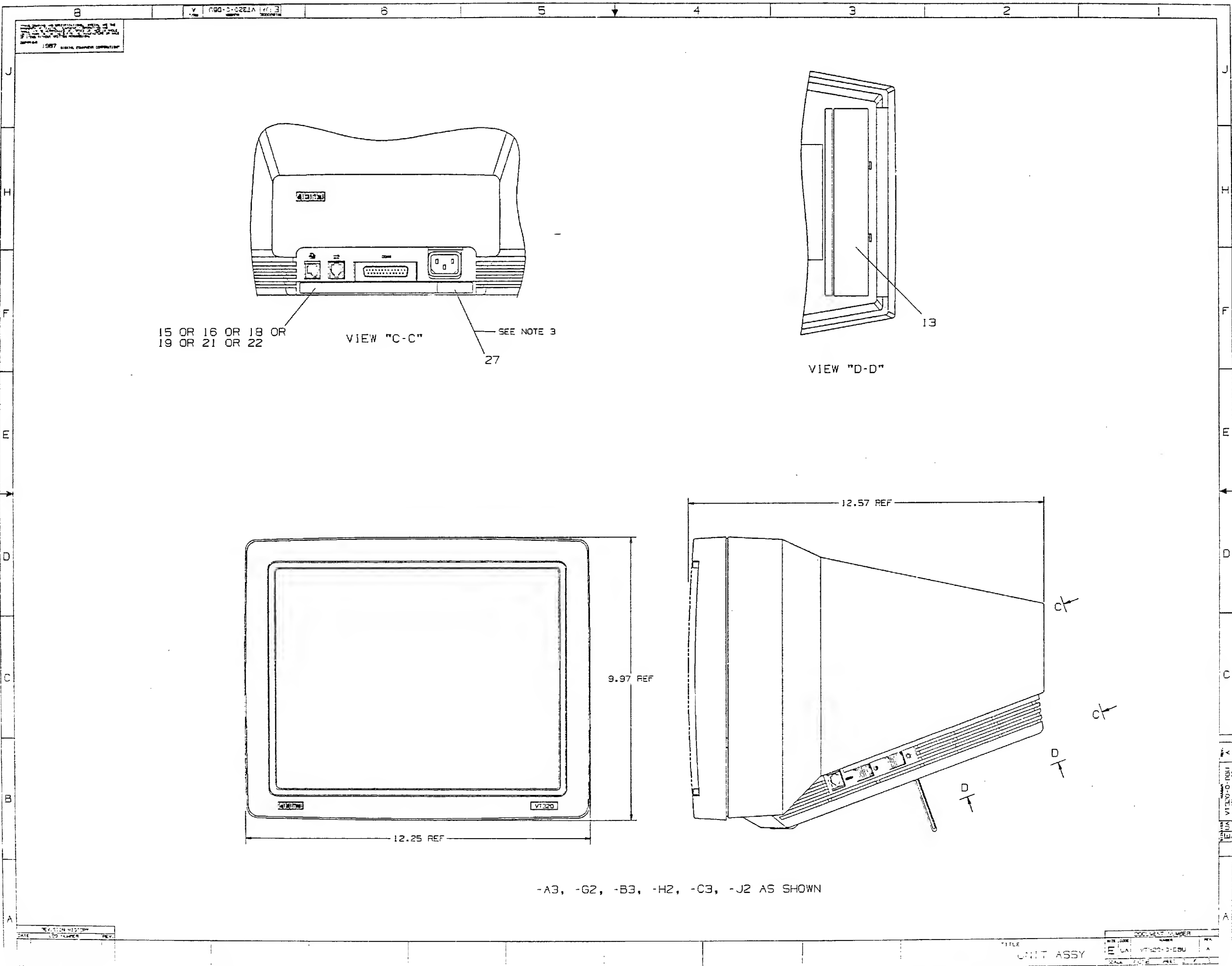
PARTS LIST

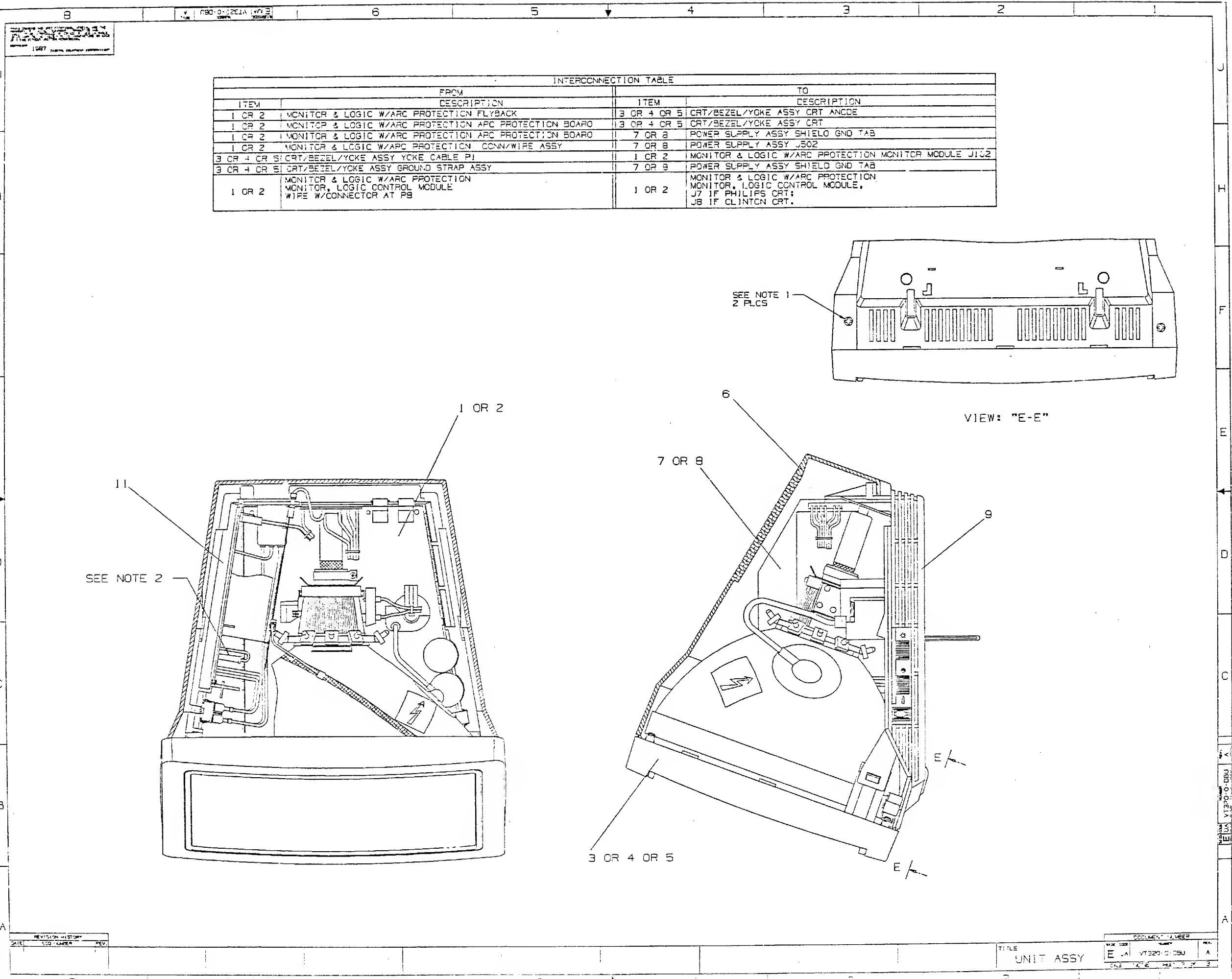
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QUANTITY PER VARIATION/REVISION								
						A2	A3	B2	B3	C2	C3	G2	H2	J2
						A1	A1	A1	A1	A1	A1	A1	A1	A1

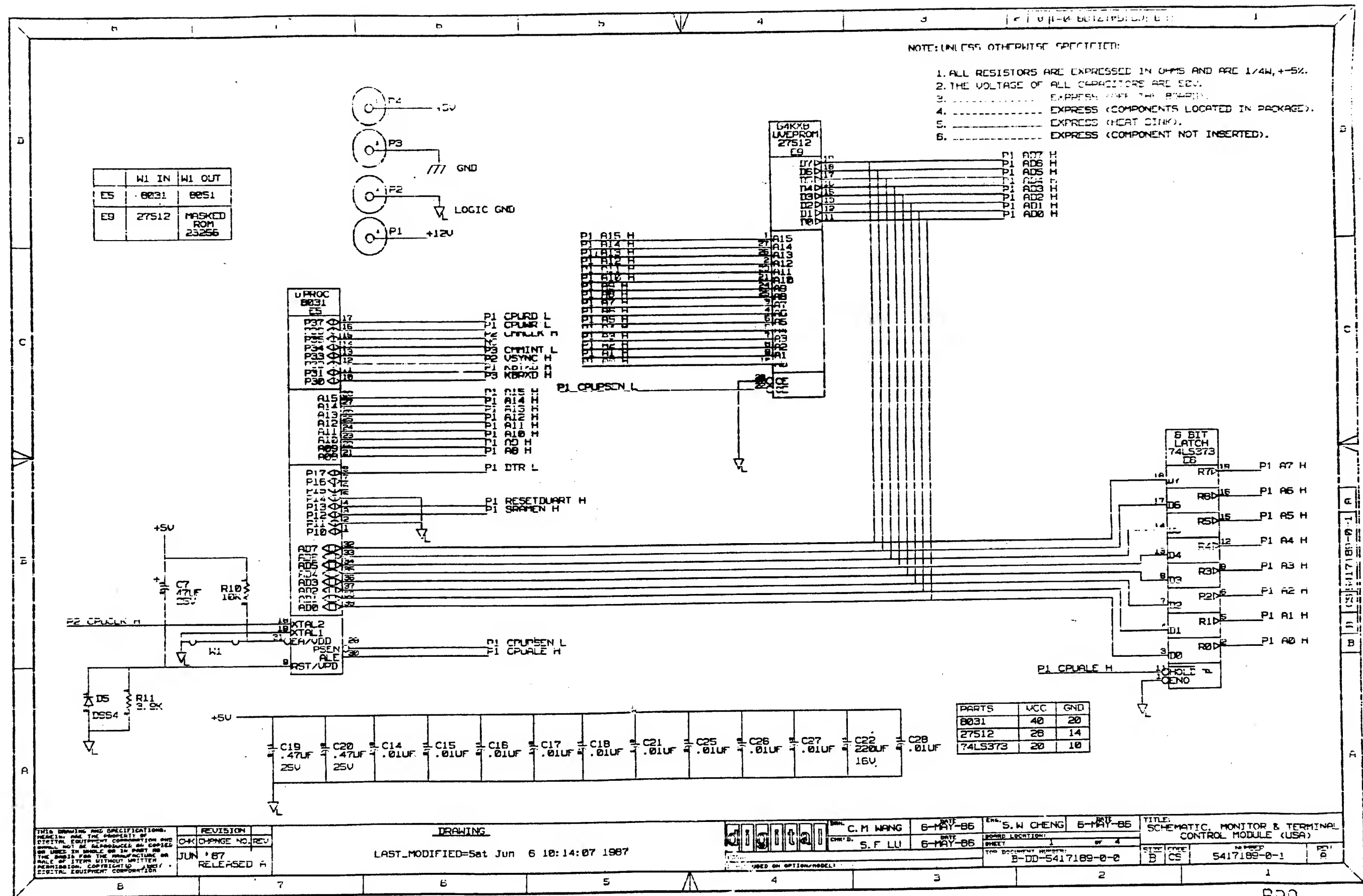
- 1 GEN: 36-28183-01 (ITEM 12) IS REQUIRED WHEN MADE IN TAIWAN.
- 2 GEN: 36-28183-02 (ITEM 13) IS REQUIRED WHEN MADE IN TAIWAN.
- 3 GEN: 36-28183-03 IS MANDATORY ALTERNATE FOR 36-28183-01 WHEN MADE IN HONG KONG.
- 4 GEN: 36-28183-04 IS MANDATORY ALTERNATE FOR 36-28183-02 WHEN MADE IN HONG KONG.
- 5 GEN: 36-28183-05 IS MANDATORY ALTERNATE FOR 36-28183-01 WHEN MADE IN MEXICO.
- 6 GEN: 36-28183-06 IS MANDATORY ALTERNATE FOR 36-28183-02 WHEN MADE IN MEXICO.

D	I	G	I	T	A	L	TITLE	UNIT ASSY	SECTION A	OF A	SIZE	CODE	DOCUMENT NUMBER	REV
											K	PL	VT320-0-D3P	A



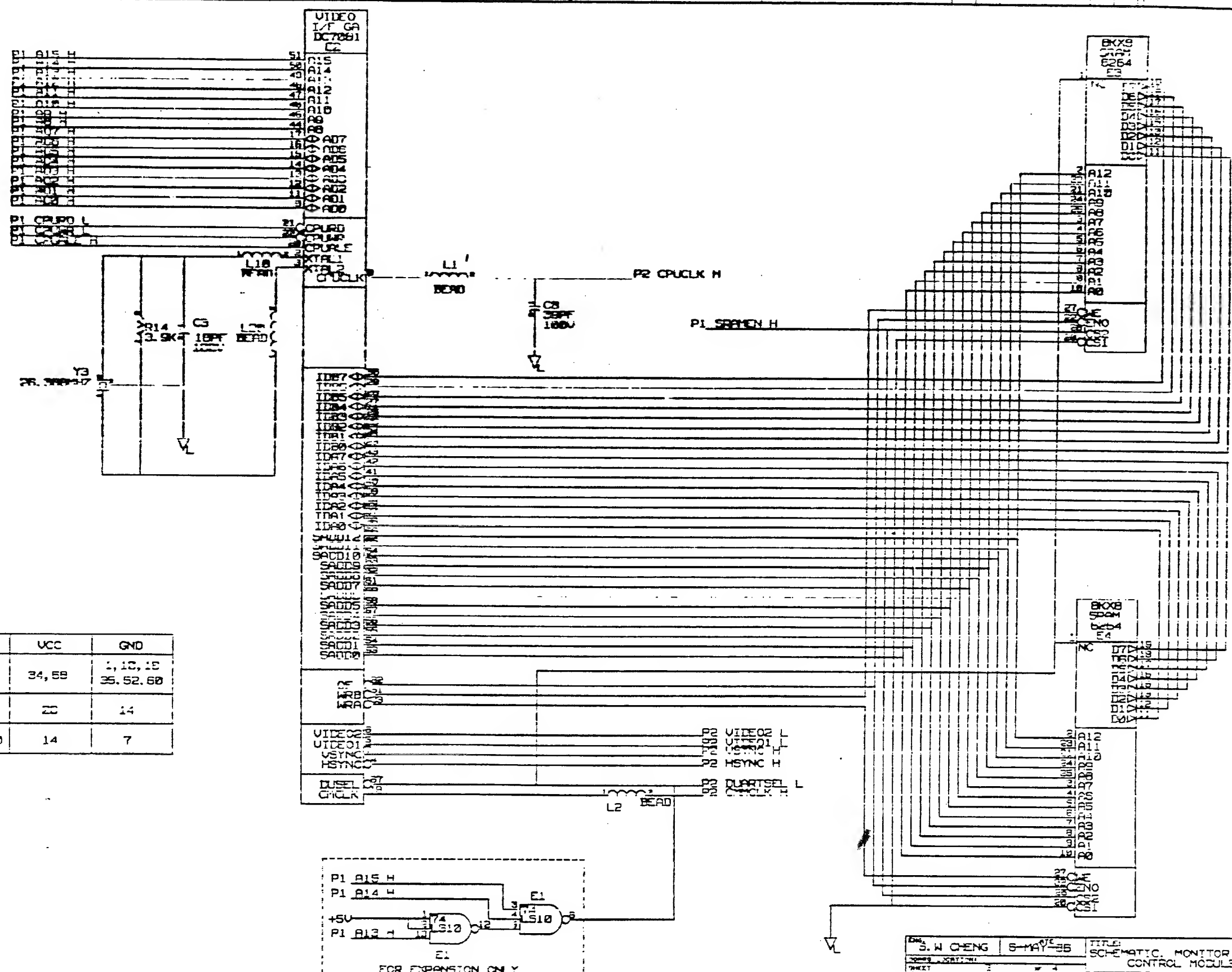






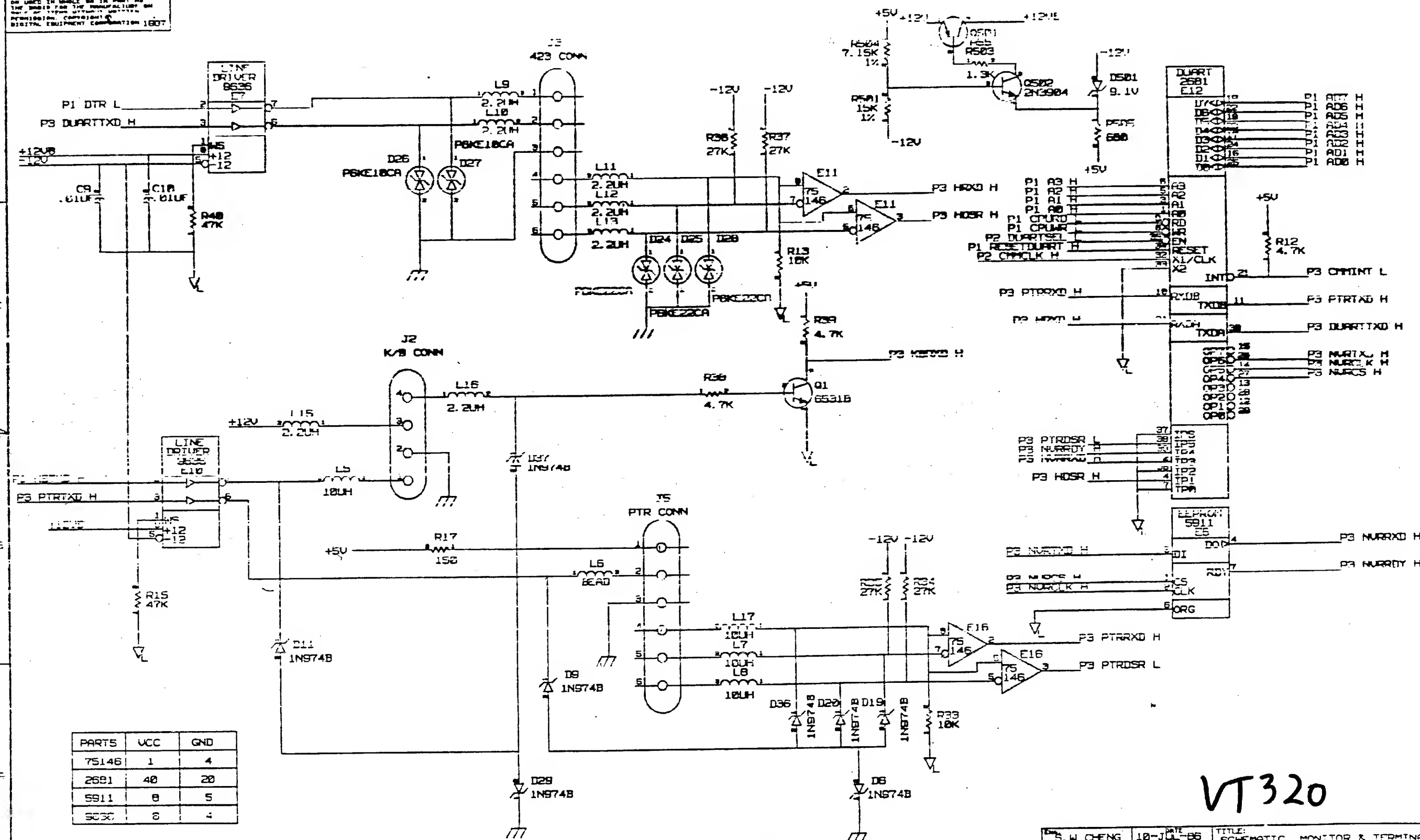
ALL INFORMATION CONTAINED
HEREIN IS UNCLASSIFIED
DATE 08-06-2009 BY 60322
AUTHORITY NND 700000

PARTS	VCC	GND
DC7081	34, 68	1, 10, 18 35, 52, 60
QED4	20	14
74LS10	14	7



Doc. No.	3. W CHENG	6 MAY 55	TITLE	SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (USA)		
Agency	NSA - WASHINGTON		CLASS	SECRET		
Form	1		DATE	3-30-54 17139-2-3		
Form	1		DATE	3-30-54 17139-2-3		

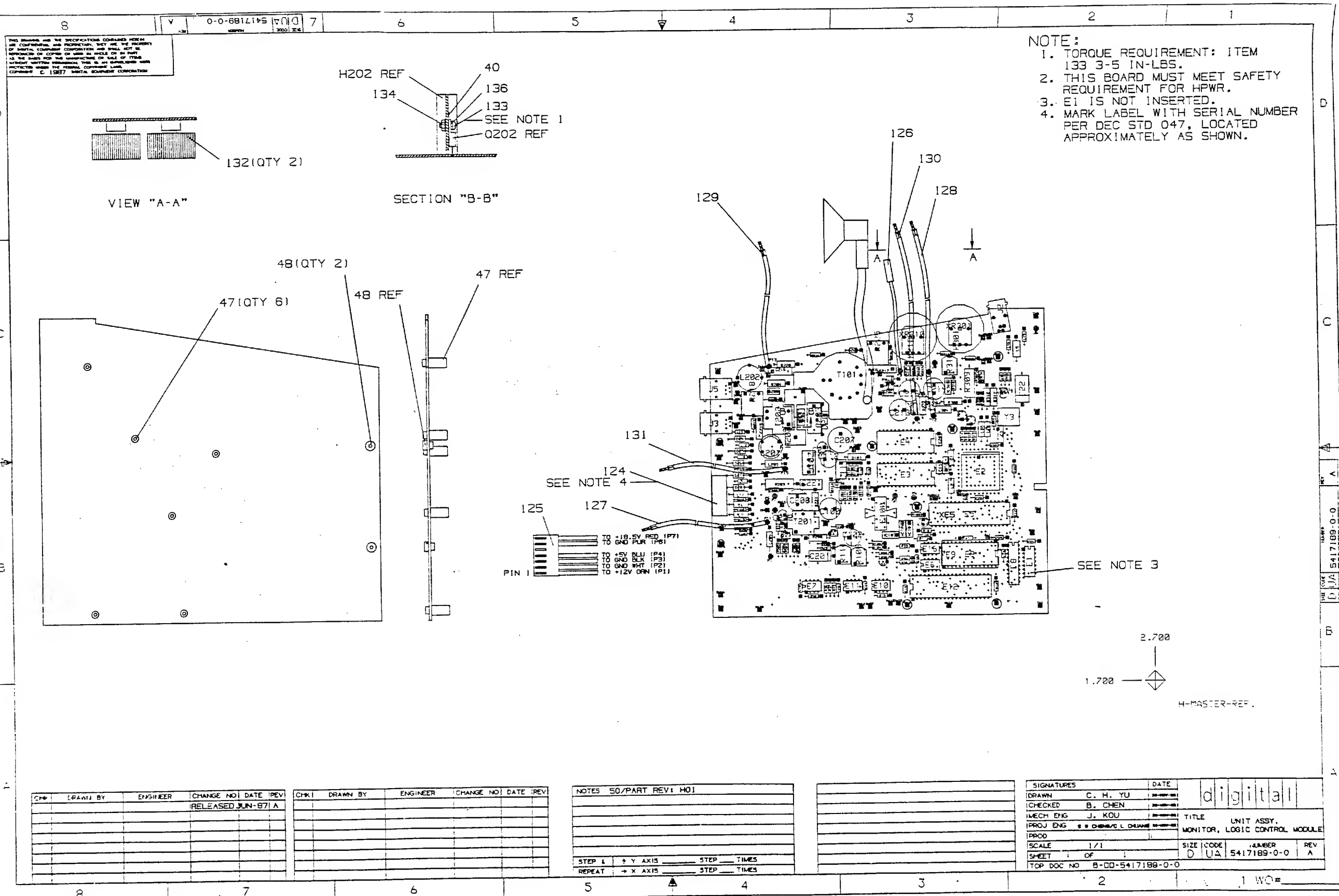
THIS DRAWING AND SPECIFICATIONS,
HEREIN, ARE THE PROPERTY OF
DIGITAL EQUIPMENT CORPORATION AND
SHALL BE KEPT IN CONFIDENTIALITY
AND USED IN WHOLE OR IN PART AS
THE BASIS FOR THE FURNISHMENT OF
ANY OTHER TYPE DRAWING OR
SPECIFICATION. (COPYRIGHT ©
DIGITAL EQUIPMENT CORPORATION 1967)



PARTS	UCC	GND
75146	1	4
2691	40	20
5911	8	5
5050	8	4

VT320

NAME S. W CHENG	DATE 10-JUL-86	TITLE: SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (USA)	
ISSUED LOCATION: SHEET 3 OF 4			
THE DOCUMENT NUMBER: B-37-5417189-0-0		ISSUED CS	ISSUED 5417189-0-1



- NOTE:
1. TORQUE REQUIREMENT: ITEM 133 3-5 IN-LBS.
 2. THIS BOARD MUST MEET SAFETY REQUIREMENT FOR HPWR.
 3. E1 IS NOT INSERTED.
 4. MARK LABEL WITH SERIAL NUMBER PER DEC STD 047, LOCATED APPROXIMATELY AS SHOWN.

VT320

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01 A1	
1	1	B-00-5017188-0-0	50-17188-01	H	CIRCUIT DRILL & ETCH	1	
2	2		10-00010-00		39 PFD 100V +/- 5% 200PP	1	C8
3	3		10-01610-00		0.010MFD 50V +80/-20% Z5U C	12	C9,C10,C14-C18,C21,C25-C28
4	4		10-02608-00		18 PFD 100V +/- 5% 200PP	1	C3
5	5		10-10279-01		0.47 MFD 25V +/-20% Z5U C	2	C19,C20
6	6		10-13466-04		33 PFD 50V +/- 5% NP0 C	1	C106
7	7		10-13466-12		2200 PFD 50V +/-10% X7R C	1	C107
8	8		10-13466-22		0.10 MFD 50V +80/-20% Z5U C	2	C101,C209
9	9		10-16544-00		0.10 MFD 100V +/-10% MYLAR	1	C111
10	10		10-16553-00		4.7 MFD 25V +75/-10% ALU	1	C201
11	11		10-16570-00		1000 PFD 500V +80/-20% X5S/Z	1	C215
12	12		10-16572-00		300 PFD 500V +/-10% X5F/X	1	C206
13	13		10-18000-15		10 MFD 250V +50/-20% ALU	1	C216
14	14		10-18000-17		470 MFD 25V +50/-20% ALU	3	C100,C208,C213
15	15		10-18000-29		10 MFD 25V +75/-20% ALU	3	C202,C211,C304
16	16		10-18000-31		470 MFD 16V +50/-20% ALU	1	C112
17	17		10-18000-33		100 MFD 25V +50/-20% ALU	1	C102
18	18		10-18000-34		100 MFD 100V +50/-20% ALU	1	C214
19	19		10-18000-40		47 MFD 25V +/-20% ALU	1	C7
20	20		10-19559-02		0.010MFD 1000V +/-20% Y5U/Z	1	C219
21	21		10-20446-12		220 MFD 16V +50/-10% ALU	1	C22
22	22		10-20604-03		0.10 MFD 100V +/- 5% MET.	3	C103,C108,C109
23	23		10-21480-07		0.012MFD 400V +/- 5% POLYP	1	C203
24	24		10-22087-01		1000 PFD 100V +/-20% Z5P	1	C305
25	25		10-23486-03		22 MFD 16V +/-20% ALU	1	C110
26	26		10-27656-01		0.022MFD 100V +/- 5% MET.	1	C221
27	27		10-28139-01		6.8 MFD 35V +/-20% ALU	1	C207
28	28		10-28377-01		4700 PFD 2000V +80/-20%	2	C217,C218
29	29		11-00114-00		PIV= 25 IO=135 MA	1	D5
30	30		11-05796-00		PIV= 400 IO= 1.00A 1N4004 D0-41	2	D100,D202
31	31		11-09990-00		VZ= 9.1 5% 400 MW 1N757A	1	D501
32	32		11-12594-02		PIV= 600 IO= 3.00A	1	D201

REVISION HISTORY		KPL MODULE FORMAT		SECTION A OF A	DRN: F LIU	D I G I T A L		
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 20-NOV-86	TITLE PARTS LIST		
---	INITIAL	A	[A] 01	[M]	CHK'D: B CHEN	MONITOR, LOGIC CONTROL MODULE		
			[B]	[N]	DATE: 20-NOV-86			
			[C]	[P]	DES.ENG: LC CHEN			
			[D]	[Q]	DATE: 20-NOV-86	DOCUMENT NUMBER		
			[E]	[R]		SIZE	CODE	NUMBER
			[F]	[S]	RESP.ENG.: CL CHUANG			REV
			[H]	[T]	DATE: 20-NOV-86	K	PL	5417189-0-DBP
			[J]	[V]				A
			[K]	[W]	MFG.ENG: G.CHRISTIANSEN	RELEASE DATE: 16-JUN-87		
			[L]	[Y]	DATE: 09-JUN-87	RELEASE STATUS: RELEASED		
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:	
5417189			D-UA-5417189-0-0		B-00-5417189-0-0		MLA0776A.PLS	
							EDIT #	
							20	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ANY PRODUCT WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 A1	PER VAR/REV	REFERENCE DESIGNATORS
33	33		11-12595-02		PIV= 600 IO= 1.00A AXIAL	3		D204,D206,D207
34	34		11-16475-00		PIV= 75 - 4NS 1N4148	3		D200,D301,D302
35	35		11-21531-01		PIV=1500 IO= 60MA	1		D203
36	36		11-24037-01		VZ= 36.0 5% 400 MW 1N9748 DO-35	8		D6,D9,D11,D19,D20,D29,D36,D37
37	37	SEE NOTE 1	11-26743-01		TRANS SUPP 600W 10V +/-	2		D26,D27
38	38	SEE NOTE 2	11-26743-02		TRANS SUPP 600W 22V +/-	3		D24,D25,D28
39	39		11-27611-01		DIA SURGE ABSORBER 300V +/-15%	1		D304
40	40		12-13071-06		INSULATOR,RUBBER SILICONE	1		
41	41		12-13921-11		HEAT SINK,EXTRUSION 1.380X1.50	1		H202
42	42		12-15006-07		SKT,IC 28PIN DIP TIN SOLD	1		XE9
43	43		12-15006-08		SKT,IC 40PIN DIP TIN SOLD	1		XE5
44	44		12-16521-00		PCB,HEADER 04PIN(1X04).156CC STR	1		J102
45	45		12-18826-07		CONN,PHONE JACK 04POS	1		J2
46	46		12-23433-02		CONN,LAN JACK 06 POS	2		J3,J5
47	47		12-28433-01		INSERT	6		
48	48		12-28433-02		INSERT	2		
49	49		12-28473-01		PCB HEADER PIN .06200 TIN	2		J7,J8
50	50		13-00250-00		150.0 .25 W 5.0 % CF	1		R17
51	51		13-00338-00		560.0 .50 W 5.0 % CF	1		R208
52	52		13-00354-00		750.0 .50 W 5.0 % CF	1		R312
53	53		13-00364-00		1.0 K .50 W 5.0 % CF	1		R222
54	54		13-00365-00		1.0 K .25 W 5.0 % CF	2		R317,R318
55	55		13-00417-00		2.20 K .25 W 5.0 % CF	2		R313,R314
56	56		13-00439-00		3.30 K .25 W 5.0 % CF	1		R100
57	57		13-00444-00		3.90 K .25 W 5.0 % CF	2		R11,R14
58	58		13-00447-00		4.70 K .25 W 5.0 % CF	3		R12,R38,R39
59	59		13-00479-00		10.0 K .25 W 5.0 % CF	3		R10,R13,R33
60	60		13-00496-00		15.0 K .25 W 5.0 % CF	1		R108
61	61		13-01322-00		180.0 .25 W 5.0 % CF	1		R320
62	62		13-01421-00		15.0 .25 W 5.0 % CF	1		R117
63	63		13-01424-00		680.0 .25 W 5.0 % CF	2		R201,R505
64	64		13-01477-00		82.0 .25 W 5.0 % CF	2		R307,R315
65	65		13-01874-00		5.60 K .25 W 5.0 % CF	1		R114
66	66		13-02092-00		220.0 K .25 W 5.0 % CF	3		R106,R211,R217
67	67		13-02177-00		47.0 K .25 W 5.0 % CF	3		R15,R40,R310
68	68		13-02395-00		56.0 K .25 W 5.0 % CF	1		R109
69	69		13-02397-00		180.0 K .25 W 5.0 % CF	1		R104
70	70		13-02466-00		100.0 K .25 W 5.0 % CF	1		R223
71	71		13-03219-00		82.0 K .25 W 5.0 % CF	1		R212
72	72		13-04838-00		43.0 K .25 W 5.0 % CF	1		R110
73	73		13-05253-00		7.15 K .25 W 1.0 % RN55D-F10	1		R504
74	74		13-05346-00		27.0 K .25 W 5.0 % CF	4		R34-R37
75	75		13-09405-00		68.0 .50 W 5.0 % CF	2		R204,R221
76	76		13-09595-00		1.0 M .25 W 5.0 % CF	1		R226
77	77		13-12931-00		6.20 K .25 W 5.0 % CF	1		R113
78	78		13-13752-00		15.0 K .25 W 1.0 % RN55D-F10	1		R501
79	79		13-14650-00		91.0 K .25 W 5.0 % CF	1		R224
80	80		13-14954-00		430.0 .50 W 5.0 % CF	1		R311
81	81		13-15437-00		237.0 K .25 W 1.0 % RN55D-F10	1		R102
82	82		13-16441-00		2.40 M .25 W 5.0 % CF	1		R216

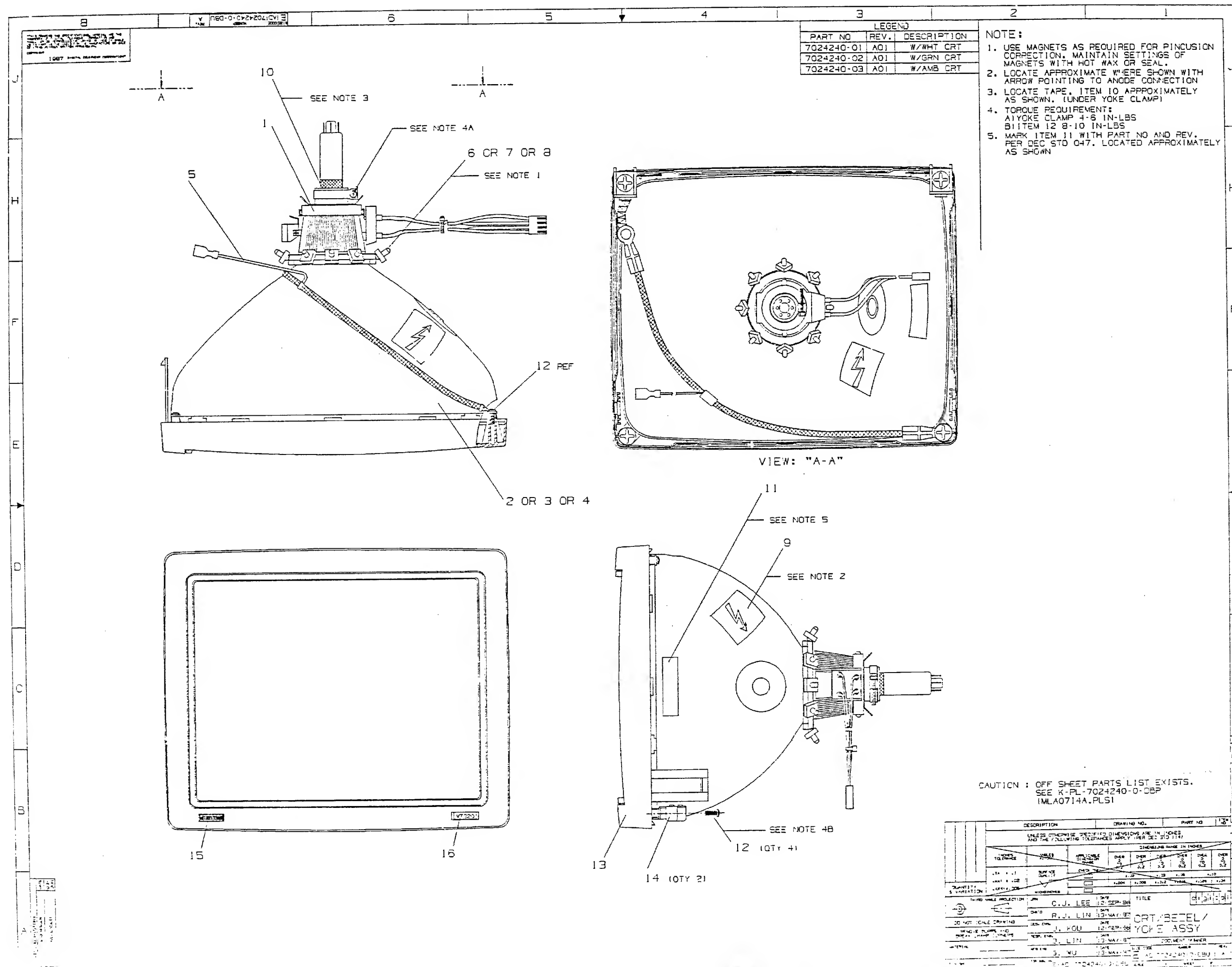
D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							MONITOR, LOGIC CONTROL MODULE		K	PL	5417183-0-08P	A

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 A1	PER VAR/REV	REFERENCE DESIGNATORS
83	83		13-16507-00	2.70	.50 W 5.0 % CF	1		R103
84	84		13-19242-00	750.0 K	.25 W 5.0 % CF	1		R112
85	85		13-19471-16	150.0	2.0 W 5.0 % M.OXIDE	1		R203
86	86		13-19471-25	560.0	2.0 W 5.0 % M.OXIDE	1		R309
87	87		13-19563-01	POT-OPEN/TRIM	5.0M 0.33W 20.0	2		R218,R225
88	88		13-20608-01	3.30	.25 W 5.0 % CF	1		R107
89	89		13-20632-01	1.30 K	.25 W 5.0 % CF	1		R503
90	90		13-20713-01	390.0 K	.50 W 5.0 % CF	1		R220
91	91		13-27943-02	POT-OPEN/TRIM	100.0K 0.15W 20.0	1		R210
92	92		13-27943-03	POT-OPEN/TRIM	500.0 0.15W 20.0	1		R301
93	93		13-28026-01	POT-OPEN/TRIM	2.0K 0.2 W 20.0	1		R316
94	94		13-28026-03	POT-OPEN/TRIM	100.0K 0.2 W 20.0	2		R105,R111
95	95		13-28450-01	47.0	.50 W 10.0 % CC	1		R308
96	96		15-09338-00	DEC6531B	NPN 310MW SI 40 90 P	1		Q1
97	97		15-09524-00	2N 3904	NPN 310MW SI 40 40 M	1		Q502
98	98		15-10705-00	XA 05	NPN 500MW SI 60 50 P	1		Q201
99	99		15-10706-00	XA 55	PNP 500MW SI 60 50 P	1		Q501
100	100	SEE NOTE 3	15-20657-01	MPS2369	NPN 350MW 40V 200MA T	2		Q301,Q303
101	101		15-27609-01	BU406	NPN 400V 60W T0220	1		Q202
102	102		15-28392-01	TRANSISTOR,VIDEO	OUTPUT	1		Q302
103	103		16-13898-01	33.0 UH	INDUCTOR	1		L204
104	104		16-18238-02	BEAD,FERRITE	.1380DX.330LG	5		L1,L2,L6,L18,L20
105	105		16-21807-01	COIL,WIDTH,VARIABLE	INDUCTOR	1		L201
106	106		16-27761-01	10.0 UH 10% Q= 55 @ 7.9MHZ	SRF=	5		L5,L7,L8,L17,L205
107	107		16-27975-01	XFR,FLYBACK,HI VOLT	18.9KHZ	1		T101
108	108		16-28226-01	CHOKE COIL	2.2UH 10%	7		L9-L13,L15,L16
109	109		16-28286-01	XFMR,HOR BUFFER		1		T201
110	110		16-28287-01	COIL,LINEARITY		1		L202
111	111		16-28364-01	XFMR,DYNAMIC FOCUS	LP=15MH TURNS	1		T202
112	112		16-28365-01	CHOKE,RF COATED	3.3UH 10% Q=65@7	1		L304
113	113		18-28361-01	XTAL	26.366 MHZ	1		Y3
114	114		19-15219-00	LS373	FF-D OCTAL-TRANSPARE	1		E8
115	115		19-15415-00	9636	DRIVER,DUAL,EIA RS-4	2		E7,E10
116	116		19-27621-01		VERT DEFLECTION CHIP	1		E100
117	117		19-27782-01		DUAL LINE RECEIVER	2		E11,E16
118	118		21-20068-01	2681	REC./TRANS.,ASYNC.,D	1		E12
119	119		21-20115-02	8031AH	MICROPROCESSOR,8BIT	1		E5
120	120		21-21384-03		RAM 8KX8,STATIC 120	2		E3,E4
121	121		21-27705-02	DC7081	CONTROLLER,VIDEO+RAM,420	1		E2
122	122		23-N4 -01	1024	EPROM	1		E6
123	123		23-47E7 -00	E7-01	UV	1		E9
124	124		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1		
125	125	C-1A-7024307-0-DBU	70-24307-01 A		CONN/WIRE ASSY	1		
126	126	B-1A-7024576-0-DBU	70-24576-01 A		WIRE W/CONNECTOR	1		P8
127	127	B-1A-7024586-0-DBU	70-24586-01 A		WIRE W/PCB CRIMP	1		P11
128	128	B-1A-7024586-0-DBU	70-24586-02 A		WIRE W/PCB CRIMP	1		P12
129	129	B-1A-7024586-0-DBU	70-24586-03 A		WIRE W/PCB CRIMP	1		P13
130	130	B-1A-7024586-0-DBU	70-24586-04 A		WIRE W/PCB CRIMP	1		P14
131	131	B-1A-7024586-0-DBU	70-24586-05 A		WIRE W/PCB CRIMP	1		P15
132	132	C-MD-7434090-0-DBU	74-34090-01 A		THUMBWHEEL	2		

D	I	G	I	T	A	L	TITLE	SECTION A	OF A	SIZE CODE	DOCUMENT NUMBER	REV
							MONITOR, LOGIC CONTROL MODULE				5417139-1-038	A

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN. REV	DESCRIPTION	QTY PER VAR/REV 01 A1	REFERENCE DESIGNATORS
133	133		90-06010-01		SCREW, MACH PAN PHIL 4-	1	
134	134		90-06557-00		NUT, HEX EXT TOOTH LCKWSHR 4-40	1	
135	135		90-09185-00		JUMPER, WIRE, INSULATED, BLACK B	1	W1
136	136		90-10057-00		WASHER, SHOULDER INSULATG PPS	1	

1 GEN: 11-26743-01 CAN BE SUBSTITUTED BY 11-28275-01.
2 GEN: 11-26743-02 CAN BE SUBSTITUTED BY 11-28275-02.
3 GEN: 15-20957-01 CAN BE SUBSTITUTED BY 15-21002-01.

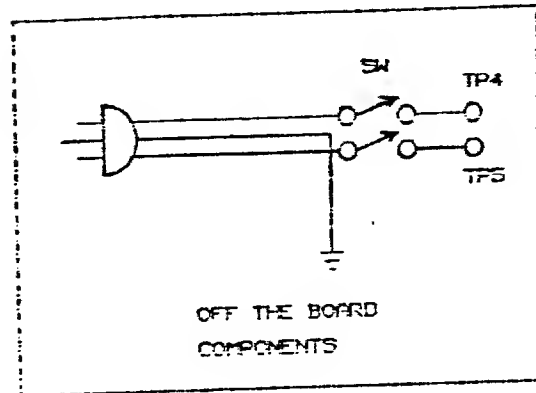


LINE ITEM		TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	02 A1	03 A1
QUANTITY PER VARIATION/REVISION								
1	1		12-28258-01		YOKE,DEFLECTION 14"	1	1	1
2	2		12-28178-01		TUBE,CATHODE RAY (PAPER WHITE)	1	-	-
3	3		12-28178-02		TUBE,CATHODE RAY (GREEN)	-	1	-
4	4		12-28178-03		TUBE,CATHODE RAY (AMBER)	-	-	1
5	5	C-IA-7024537-0-DBU	70-24537-01	A	GROUND STRAP ASSY	1	1	1
6	6		12-23217-01		MAGNET,PINCUSHION 6.0 GAUSS	A/R	A/R	A/R
7	7		12-23217-02		MAGNET,PINCUSHION 8.5 GAUSS	A/R	A/R	A/R
8	8		12-23217-03		MAGNET,PINCUSHION 15.5 GAUSS	A/R	A/R	A/R
9	9		36-10267-00		LABEL,DANGER HIGH VOLTAGE,SMOOTH	1	1	1
10	10	SEE NOTE # 10	36-15670-01		TAPE,FIBGLAS ADH 1.0 WDX .007T	4	4	4
11	11		36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1	1	1
12	12		90-09800-08		SCREW,THD RL,PAN PHIL F/PLAS	4	4	4
13	13	E-MD-7434073-0-DBU	74-34073-01	A	BEZEL	1	1	1
14	14	B-MD-7435851-0-DBU	74-35851-01	A	ENCLOSURE,TAB	2	2	2
15	15	B-IA-7433851-0-DBU	74-33851-02	A	LOGO,DIGITAL	1	1	1
16	16	B-IA-7435733-0-DBU	74-35733-01	A	NAMEPLATE,VT320	1	1	1

10 NOTE: QTY FOR ITEM 10 IS IN INCHES.

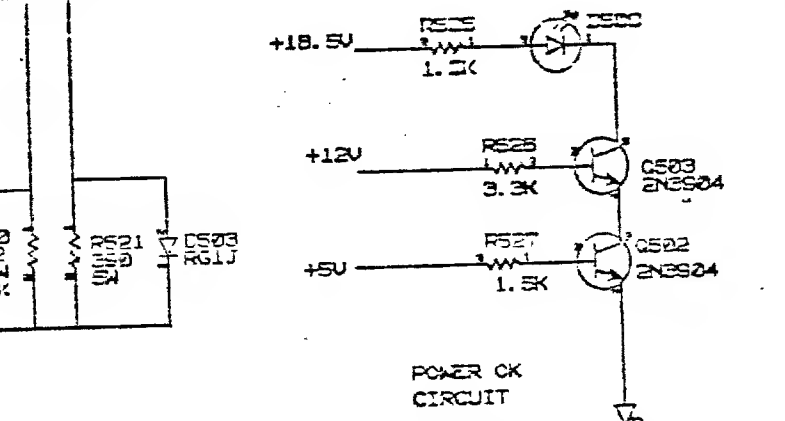
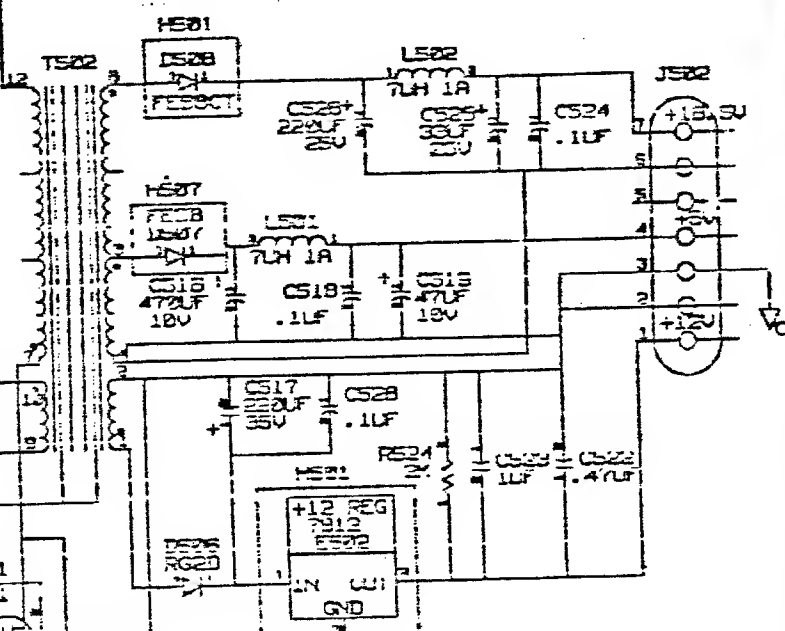
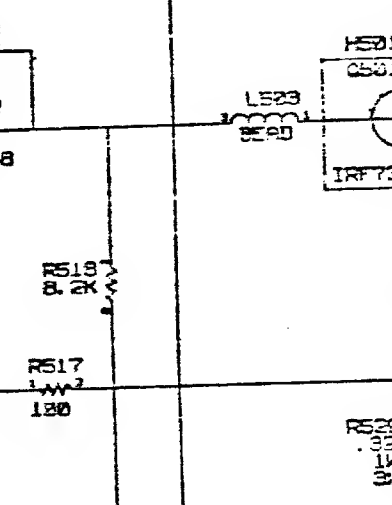
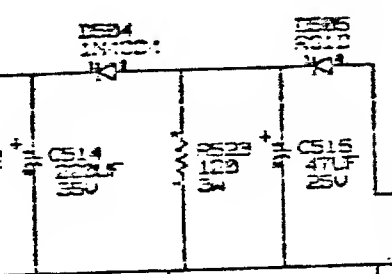
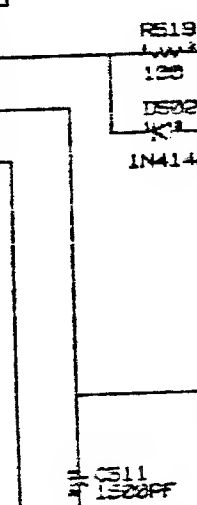
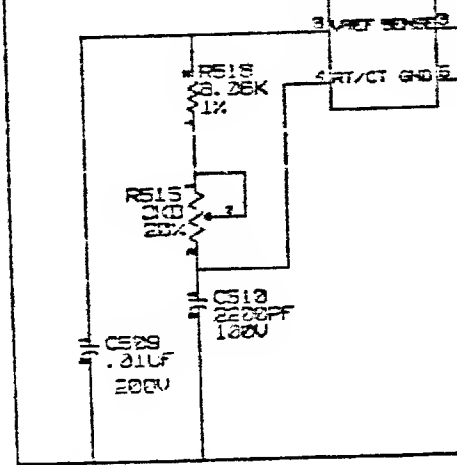
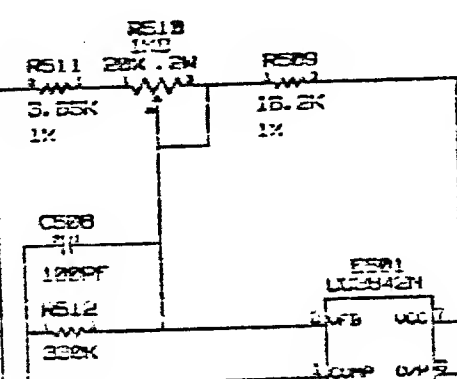
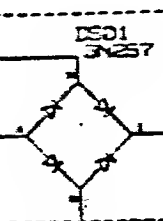
REVISION HISTORY		KPL MATRIX FORMAT		SECTION A OF A	DRN: C.J. LEE	DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86	TITLE PARTS LIST			
---	INITIAL	A	[A] 01,02,03		CHK'D: R.J. LIN	CRT/BEZEL/YOKE ASSY			
			[B]		DATE: 14-MAY-87				
			[C]		DES.ENG: J. KUO				
			[D]		DATE: 17-SEP-86	DOCUMENT NUMBER			
			[E]		RESP.ENG.: O. LIN	SIZE	CODE	NUMBER	REV
			[F]		DATE: 14-MAY-87	K	PL	7024240-0-DBP	A
			[H]		MFG.ENG: GORDON WU	RELEASE DATE: 25-JUN-87			
			[J]		DATE: 11-JUN-87	RELEASE STATUS: RELEASED			
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #
7024240			E-AD-7024240-0-DBU		E-AD-7024240-0-DBU		MLA0714A.PLS		16

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."



NOTE: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, $\pm 5\%$.
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. _____ EXPRESS (OFF THE BOARD).
4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. _____ EXPRESS (HEAT SINK).



OVER VOLTAGE PROTECTION CIRCUIT

POWER CK
CIRCUIT

REVISION	DATE	BY	CHK
1	JUN 97	RELEASED A	

LAST_MODIFIED=Thu Jun 4 11:42:26 1997

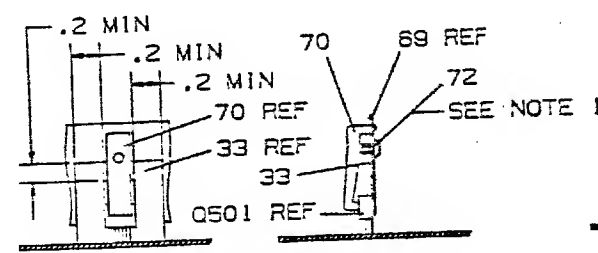
DESIGNED BY	DATE	DESIGNED BY	DATE
C. H. WANG	24-JUL-95	Victor Lin	24-JUL-95
3.7 LU	24-JUL-95		

TITLE	5417191-3-1
SCHEMATIC, POWER SUPPLY MODULE (LSA)	
REV	A

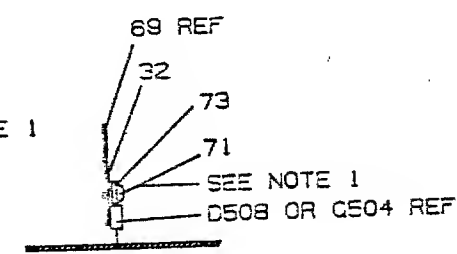
BPO

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.
 DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED.

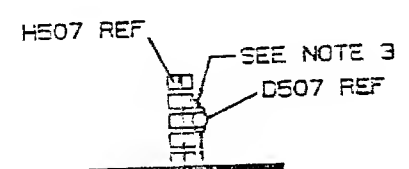
- NOTE:
1. TORQUE REQUIREMENT: ITEMS 71 & 72 3-5 IN-LBS.
 2. THIS BOARD MUST MEET SAFETY REQUIREMENT FOR HPWR.
 3. LEAD OF D507 PIN 1 AS SHORT AS POSSIBLE.
 4. SOLDER GROUNDING WIRE OF T502 TO P5(GND HOLE).
 5. MARK LABEL WITH SERIAL NUMBER PER DEC STD 047, LOCATED APPROXIMATELY AS SHOWN.



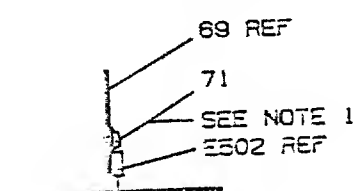
SECTION "A-A"



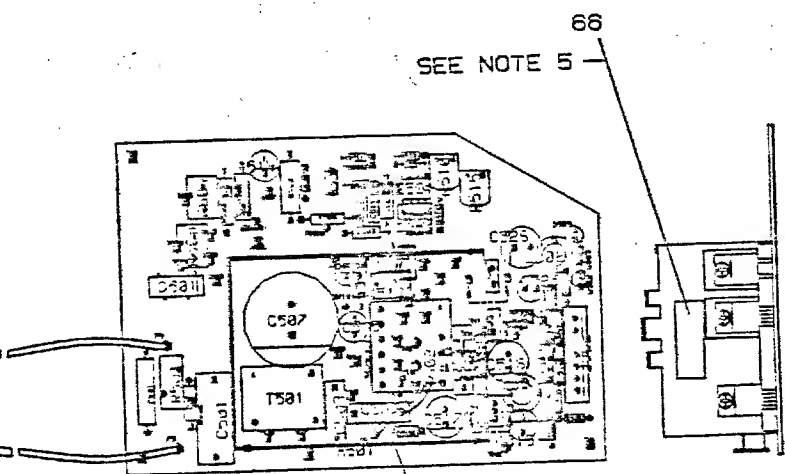
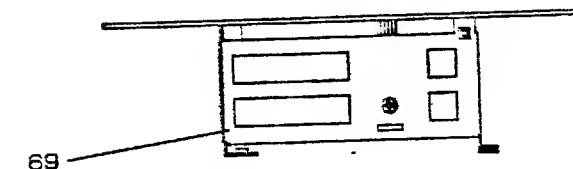
SECTION "B-B"
2 PLCS



SECTION "C-C"



SECTION "D-D"



CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV

CHK	DRAWN BY	ENGINEER	CHANGE NO	DATE	REV

NOTES	ED/PART	REV	NO

STEP	NO	DESCRIPTION	DATE	REV

SIGNATURES	DATE	TITLE
DRAWN		
CHECKED		
MECH ENG		
PROD ENG		
PROD		
SCALE		
SHEET		
STEP		

digital

UNIT ASSY.
POWER SUPPLY MODULE

SIZE CODE NUMBER REV
D UA 5417191-0-0 A

8P0 1 WO#

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01 A1	
1	1	B-DD-5017190-0-0	50-17190-01	H	CIRCUIT DRILL & ETCH	1	
2	2		10-10274-02		1.0 MFD 50V +80/-20% Z5U C	1	C523
3	3		10-10978-60		0.10 MFD 50V +/-10% X7R C	3	C513,C518,C524
4	4		10-12312-01		0.47 MFD 50V +80/-20% Z5U C	2	C522,C527
5	5		10-13466-06		100 PFD 50V +/- 5% NP0 C	1	C508
6	6		10-13466-22		0.10 MFD 50V +80/-20% Z5U C	1	C528
7	7		10-13466-29		1500 PFD 50V +/- 5% NP0 C	1	C511
8	8		10-16639-00		0.010MFD 200V +/-10% MYLAR	1	C509
9	9		10-19413-06		220 MFD 250V +50/-20% ALU	1	C507
10	10		10-21480-08		680 PFD 630V +/-20% POLYP	1	C512
11	11		10-22398-01		470 MFD 10V +/-20% ALU	1	C516
12	12		10-24317-01		0.33 MFD 250VAC +/-20% LIN	1	C501
13	13		10-24375-02		3300 PFD 250VAC +/-20% LIN	2	C503,C504
14	14		10-24422-01		220 MFD 35V +/-20% ALU	1	C514
15	15		10-26456-01		2200 PFD 100V +/- 1% POLYPR	1	C510
16	16		10-27912-01		47 MFD 25 +/-20% ALU	1	C515
17	17		10-27942-01		220 MFD 25V +/-20% ALU	1	C526
18	18		10-27955-01		33 MFD 25V +/-20% ALU	1	C525
19	19		10-28104-01		47 MFD 1PV +/-20% ALU	1	C519
20	20		10-28114-01		220 MFD 35V +/-20% ALU	1	C517
21	21		11-02808-00		VZ= 5.6 5% 400 MW 1N752A	1	D531
22	22		11-05796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	1	D504
23	23		11-12595-01		PIV= 200 IO= 1.00A AXIAL	1	D505
24	24		11-12595-02		PIV= 600 IO= 1.00A AXIAL	1	D503
25	25		11-14384-00		LED 105MW 35MA GREEN	1	D509
26	26		11-16475-00		PIV= 75 - 4NS 1N4148	1	D502
27	27		11-17490-00		RECT,ULTRA FAST PIV= 150 IO= 8.0	1	D508
28	28		11-18411-00		VZ= 13.0 1% 500 MW 1N5243	1	D532
29	29		11-21435-01		RECT. ASSY PIV= 600 IO= 2.00A	1	D501
30	30		11-25363-04		RECT,ULTRA FAST PIV=200 IO= 2.0A	1	D506
31	31		11-28186-01		PIV= 100 IO= 3.0 A 35NS	1	D507
32	32		12-13071-06		INSULATOR,RUBBER SILICONE	2	

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A		DRN: F. LIU		D I G I T A L			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 20-NOV-86			TITLE PARTS LIST			
---	INITIAL	A	[A]	01	[M]	CHK'D: B. CHEN			POWER SUPPLY MODULE			
			[B]		[N]	DATE: 20-NOV-86						
			[C]		[P]	DES.ENG: V. LIN						
			[D]		[Q]	DATE: 20-NOV-86			DOCUMENT NUMBER			
			[E]		[R]				SIZE	CODE	NUMBER	REV
			[F]		[S]	RESP.ENG.: J. B. LO			K	PL	5417191-0-DBP	A
			[H]		[T]	DATE: 20-NOV-86						
			[J]		[V]	MFG.ENG: G. CHRISTIANSEN			RELEASE DATE: 17-JUN-87			
			[K]		[W]	DATE: 09-JUN-87			RELEASE STATUS: RELEASED			
			[L]		[Y]							
BASIC PART NUMBER:			ASSEMBLY NUMBER:			TOP DOCUMENT NUMBER:			FILE NAME:			EDIT #
5417191			D-UA-5417191-0-0			B-DD-5417191-0-0			MLA0777A.PLS			19

THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS.

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 A1	PER VAR/REV	REFERENCE DESIGNATORS
33	33		12-13071-22		INSULATOR,RUBBER SILICONE	1		
34	34		12-15228-03		HEAT SINKS,T0-220 1.250X0.87	1		H507
35	35		12-28096-01		FUSE,5X20 3.0 A 250V AXIAL LEA	1		F501
36	36		12-28477-01		PCB HEADER 07PIN(1X07),156CC STR	1		J502
37	37		13-00229-00		100.0 .25 W 5.0 % CF	3		R517,R519,R529
38	38		13-00391-00		1.50 K .25 W 5.0 % CF	2		R525,R527
39	39		13-00439-00		3.30 K .25 W 5.0 % CF	1		R526
40	40		13-02091-00		330.0 K .25 W 5.0 % CF	1		R512
41	41		13-02388-00		2.0 K .25 W 5.0 % CF	1		R524
42	42		13-03179-00		8.20 K .25 W 5.0 % CF	1		R518
43	43		13-05337-00		3.65 K .25 W 1.0 % RN55D-F10	1		R511
44	44		13-09412-00		18.20 K .25 W 1.0 % RN55D-F10	1		R509
45	45		13-09422-00		5.10 .25 W 5.0 % CF	2		R530,R531
46	46		13-11996-00		VARISTOR 150VAC VOLT TRANS SUP	1		R501
47	47		13-18150-12		8.06 K .25 W 1.0 % RN55D-F10	1		R516
48	48		13-19470-50		56.0 K 1.0 W 5.0 % M.OXIDE	1		R522
49	49		13-19470-53		100.0 K 1.0 W 5.0 % M.OXIDE	1		R505
50	50		13-20725-01		1.50 M .50 W 5.0 % CF	1		R502
51	51		13-27013-07		390.0 5.0 W 5.0 % M.OXIDE	1		R521
52	52		13-27013-13		120.0 3.0 W 5.0 % M.OXIDE	1		R523
53	53		13-28026-02		POT-OPEN/TRIM 1.0K 0.2 W 20.0	1		R510
54	54		13-28026-07		POT-OPEN/TRIM 3.0K 0.2 W 20.0	1		R515
55	55		13-28257-01		2.7 5.0 W 5.0 % WW	2		R503,R504
56	56		13-28261-01		.32 1.0 W 3.0 % WW	1		R520
57	57		15-09524-00		2N 3904 NPN 310MW SI 40 40 M	2		Q502,Q503
58	58		15-19536-01		SCR PIV= 50 IO= 8.00A	1		Q504
59	59		15-28225-01		MOSFET 400V 5.5A 10HM	1		Q501
60	60		16-18238-02		BEAD,FERRITE .1380DX.330LG	1		L503
61	61		16-28285-01		CHOKE COIL 7.0UH	2		L501,L502
62	62		16-28362-01		XFMR,SWITCH MODE (USA ONLY)	1		T502
63	63		16-28430-01		XFMR FILTER 1KHZ	1		T501
64	64		19-12048-05		7812 VOLT REG,FIX +12V	1		E502
65	65		19-23626-01		PWM OFF-LINE CURRENT	1		E501
66	66		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1		
67	67	B-IA-7023276-0-DBU	70-23276-05	A	WIRE W/FASTON	1		P5
68	68	B-IA-7023276-0-DBU	70-23276-06	A	WIRE W/FASTON	1		P4
69	69	B-IA-7024553-0-DBU	70-24553-01	A	ENCLOSURE, SHIELD W/GND TABS	1		H501
70	70	C-MD-7435248-0-DBU	74-35248-01	A	CLIP	1		
71	71		90-08301-01		SCREW,MACH PAN PHIL 4-	3		
72	72		90-09800-02		SCREW,THD RL,PAN PHIL F/PLAS	1		
73	73		90-10057-00		WASHER,SHOULDER INSULATG PPS	2		

0	1	2	3	4	5	6	7	8	9	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
										POWER SUPPLY MODULE		K	PL	5417191-0-SEP	A

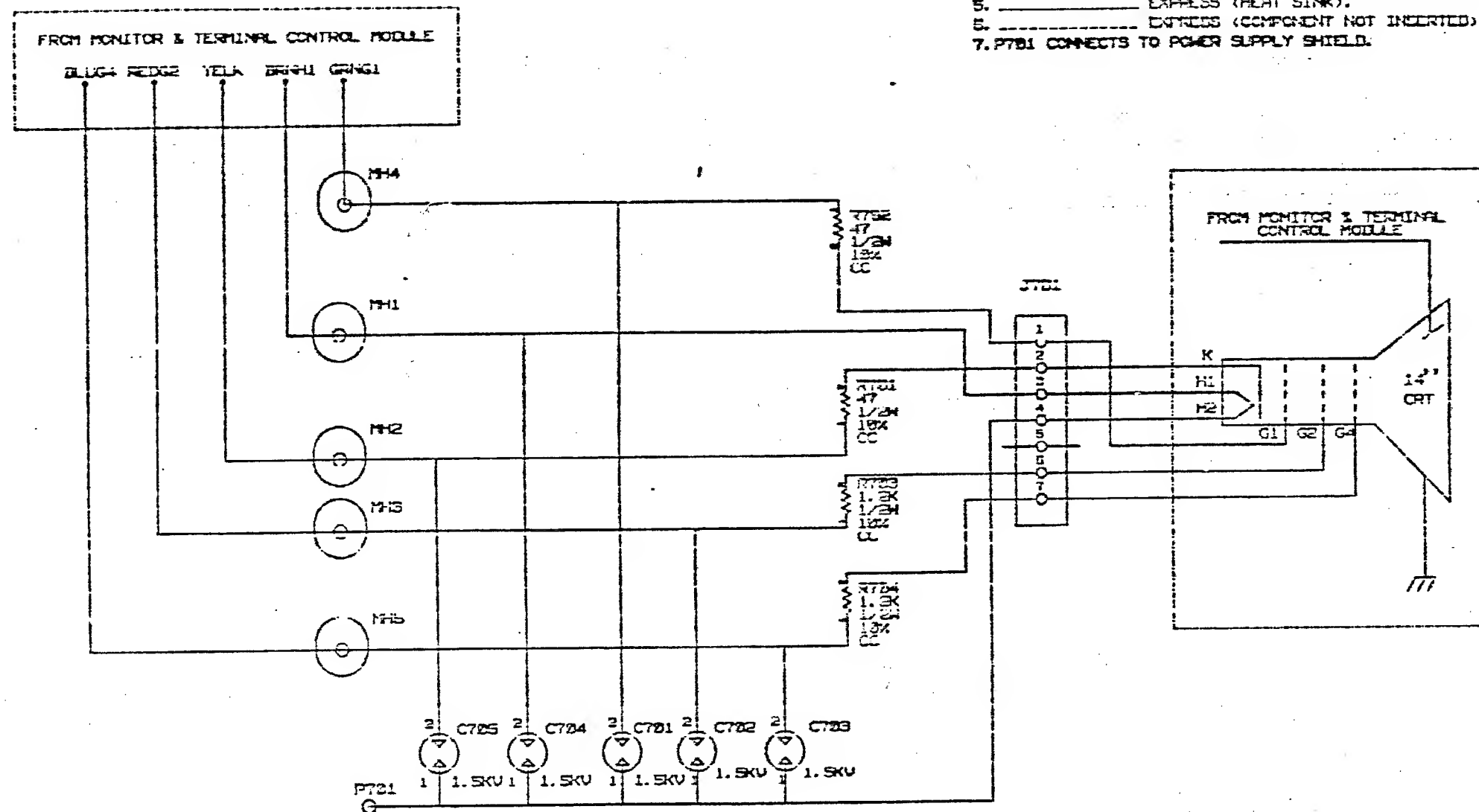
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY
1	1	E-MD-7434075-0-DBU	74-34075-01	A	BOTTOM	1
2	2	D-MD-7434076-0-DBU	74-34076-01	A	ARM,LEFT,TILT	1
3	3	B-MD-7434077-0-DBU	74-34077-01	A	SHAFT,TILT	1
4	4	D-MD-7434078-0-DBU	74-34078-01	A	ARM,TILT,RIGHT	1
5	5		12-28165-01		SPRING,OTRSION .2700D	2
6	6		12-28163-01		SPRING,COMPRESSION .2600DX .70 LG	1
7	7		12-28243-01		BUMPER,FRONT	2
8	8		12-28360-01		WASHER,SPECIAL	2
9	9		36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: C.J. LEE		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86		CHK'D: R.J. LIN		TITLE PARTS LIST			
---	INITIAL	A	[A] 01		DATE: 08-MAY-87		DES.ENG: J. KOU		DOCUMENT NUMBER			
			[B]		DATE: 17-SEP-86		DATE: 17-SEP-86		SIZE CODE NUMBER REV			
			[C]				RESP.ENG.: O. LIN		K PL 7024245-0-DBP A			
			[D]				DATE: 09-MAY-87					
			[E]				MFG.ENG: GORDON WU		RELEASE DATE: 25-JUN-87			
			[F]				DATE: 11-JUN-87		RELEASE STATUS: RELEASED			
			[H]									
			[J]									
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			7024245		E-AD-7024245-0-DBU		E-AD-7024245-0-DBU		MLA0719A.PLS		15	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

NOTE: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +5%.
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. _____ EXPRESS (OFF THE BOARD).
4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. _____ EXPRESS (HEAT SINK).
6. _____ EXPRESS (COMPONENT NOT INSERTED).
7. P7B1 CONNECTS TO POWER SUPPLY SHIELD.



THIS DRAWING IS UNCLASSIFIED
DATE 12-17-87 BY 3021
EXEMPT FROM AUTOMATIC
DOWNGRADING AND
DECLASSIFICATION
SCHEDULE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100

REVISION
CHANGE NO. REV
JUN '87
RELEASED A

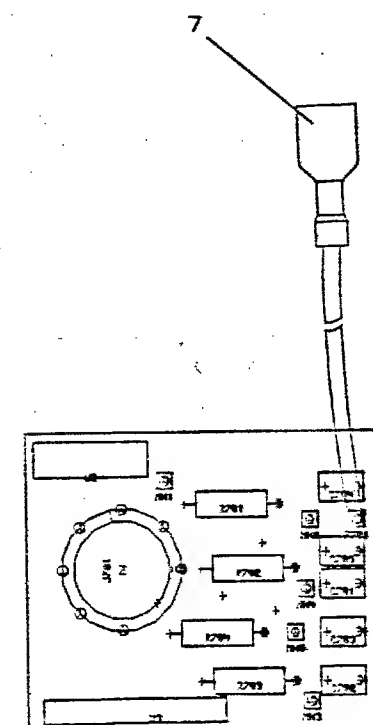
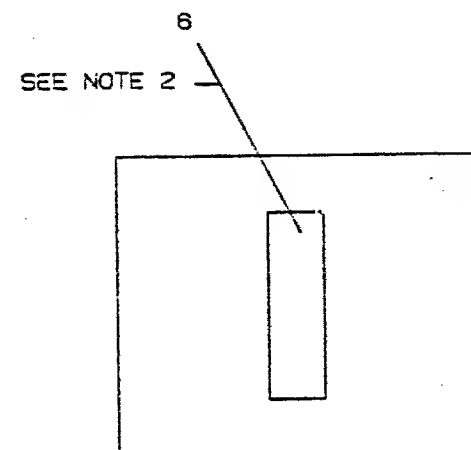
DRAWING
LAST MODIFIED=Sat Jun 5 20:47:22 1987

DESIGNED BY C. M. WANG 12-MAY-87	DESIGNED BY C. E. LIN 12-MAY-87	TITLE ARC PROTECTION MODULE
CHECKED BY S. F. LU 12-MAY-87	DATE 12-MAY-87	SIZE 3
TOP DOCUMENT NUMBER B-02-5417339-3-3	DATE 12-MAY-87	REV. A
5417339-3-1		

BPO

NOTE:

1. THIS BOARD MUST MEET SAFETY REQUIREMENT FOR HPWR.
2. MARK LABEL WITH SERIAL NUMBER PER DEC STD 047, LOCATED APPROXIMATELY AS SHOWN.



SIDE TWO

2.700

1.700

H-MASTER-REF.

[illegible][illegible]

SIGNATURES		DATE	digital	
DRAWN	C. W. YU	1-1-79		
CHECKED	B. CHEN	1-1-79		
MECH DWG	J. KOU	1-1-79		
PROD DWG	S. M. CHENG	1-1-79		
PROD		1-1-79		
SCALE	2/1		TITLE UNIT ASSY.	
SHEET 1 OF 1			ARC PROTECTION WOULD	
TOP OCC NO 3-00-5417339-0-0		SIZE	CODE	NUMBER
		D	UA	5417339-0-0
				REV A

TITLE UNIT ASSY,
ARC PROTECTION MODULE

SIZE	CODE	NUMBER	REV
D	UA	5417339-0-0	A

TOP DEC NO 3-00-3417338-0

329 1 WO#

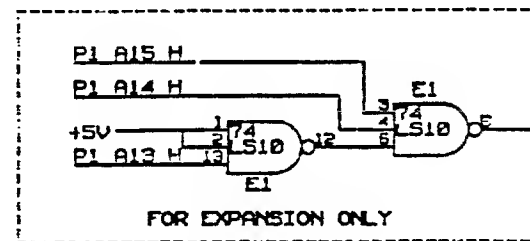
LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
						01	
						A1	
1	1	B-DD-5017339-0-0	50-17338-01	A	CIRCUIT DRILL AND ETCH	1	
2	2		10-27658-01		1.0 PFD 1500V + 0/-100%	5	C701-C705
3	3		12-28476-01		SKT,CAT 07POS BLK 2KV SPRK GA	1	J701
4	4		13-28450-01		47.0 .50 W10.0 % CC	2	R701,R702
5	5		13-28450-02		1.2 K .50 W10.0 % CC	2	R703,R704
6	6		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1	
7	7	B-IA-7023276-0-DBU	70-23276-07	A	WIRE W/FASTON	1	P701

REVISION HISTORY		KPL MODULE FORMAT		SECTION A OF A	DRN: F LIU	DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 20-NOV-86	TITLE PARTS LIST			
---	INITIAL	A	(A) 01	(M)	CHK'D: B CHEN	ARC PROTECTION MODULE			
			(B)	(N)	DATE: 20-NOV-86				
			(C)	(P)	DES.ENG: CE LIN				
			(D)	(Q)	DATE: 20-NOV-86	DOCUMENT NUMBER			
			(E)	(R)		SIZE	CODE	NUMBER	REV
			(F)	(S)	RESP.ENG.: SW CHENG	K	PL	5417339-0-DBP	A
			(H)	(T)	DATE: 20-NOV-86				
			(J)	(V)					
			(K)	(W)	MFG.ENG: G.CHRISTIANSEN	RELEASE DATE: 16-JUN-87			
			(L)	(Y)	DATE: 09-JUN-87	RELEASE STATUS: RELEASED			
BASIC PART NUMBER:			ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #
5417339			D-UA-5417339-0-0		B-DD-5417339-0-0		MLA1527A.PLS		11

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

[illegible]

PARTS	VCC	GND
DC7081	34, 68	1, 10, 18 35, 52, 60
6254	28	14
74LS10	14	7



NAME S. W CHENG	DATE 5-MAY-66	TITLE SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (INTERNATIONAL)			
PROJECT 2	OF 4				
TOP DOCUMENT NUMBER: B-DD-5417277-0-0		SIZE B	CODE CS	NUMBER 5417277-0-1	REV. A

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +-5%.

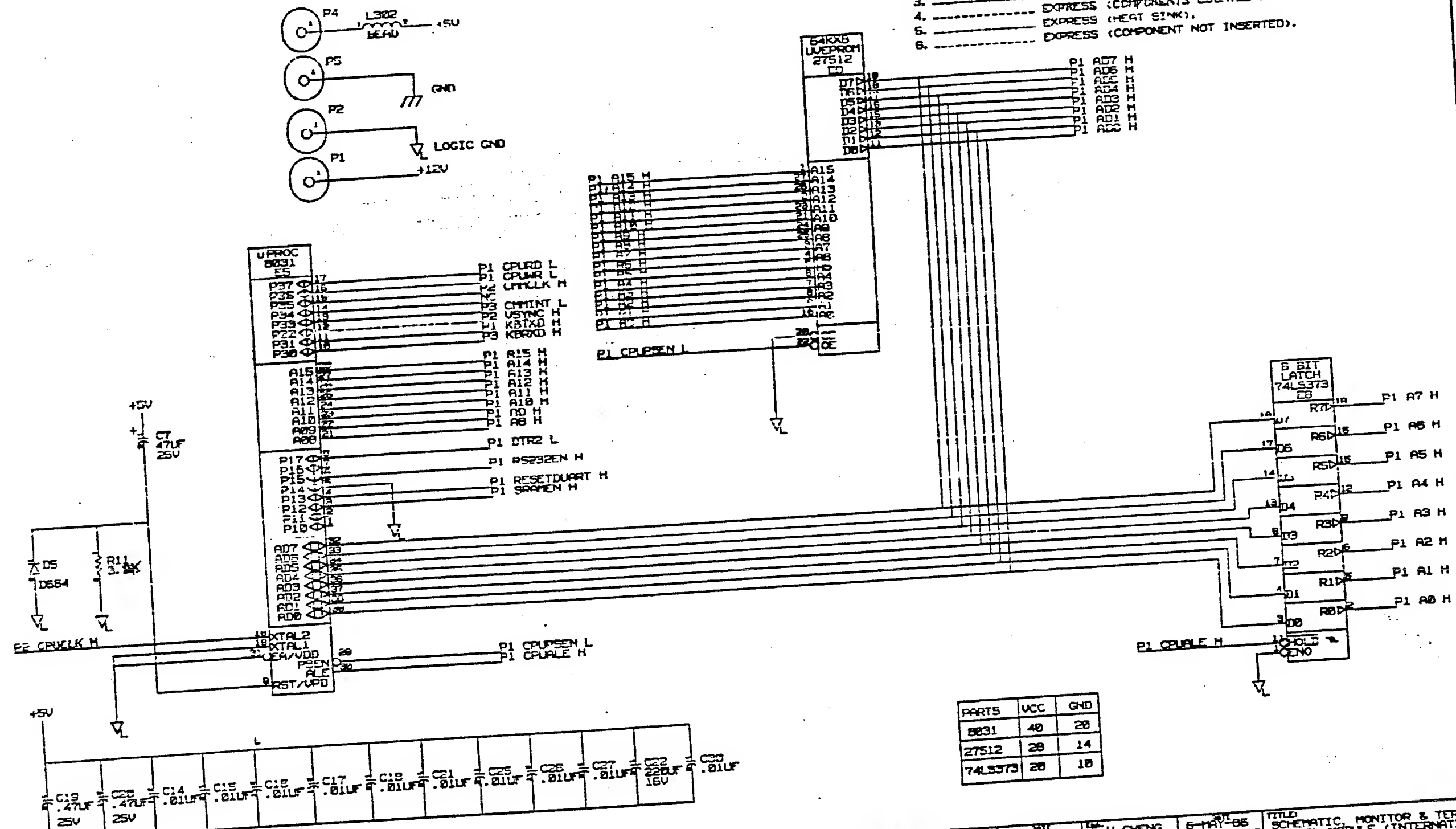
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.

3. _____ EXPRESS (OFF THE BOARD).

4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).

5. _____ EXPRESS (HEAT SINK).

6. _____ EXPRESS (COMPONENT NOT INSERTED).



PART5	VCC	GND
8031	40	20
27512	28	14
74LS573	20	10

THIS DRAWING AND SPECIFICATIONS
HEREIN ARE THE PROPERTY OF
DIGITAL EQUIPMENT CORPORATION AND
SHALL NOT BE REPRODUCED OR COPIED
OR USED IN WHOLE OR IN PART OR
THE BASIS FOR THE MANUFACTURE OR
SALE OF ITEMS WITHOUT WRITTEN
PERMISSION. COPYRIGHT © 1985
DIGITAL EQUIPMENT CORPORATION

	REVISION
OK	CHANGE NO. REV
JUN '87	RELEASED A

DRAWING
LAST_MODIFIED=Sat Jun 6 16:27:57 1987

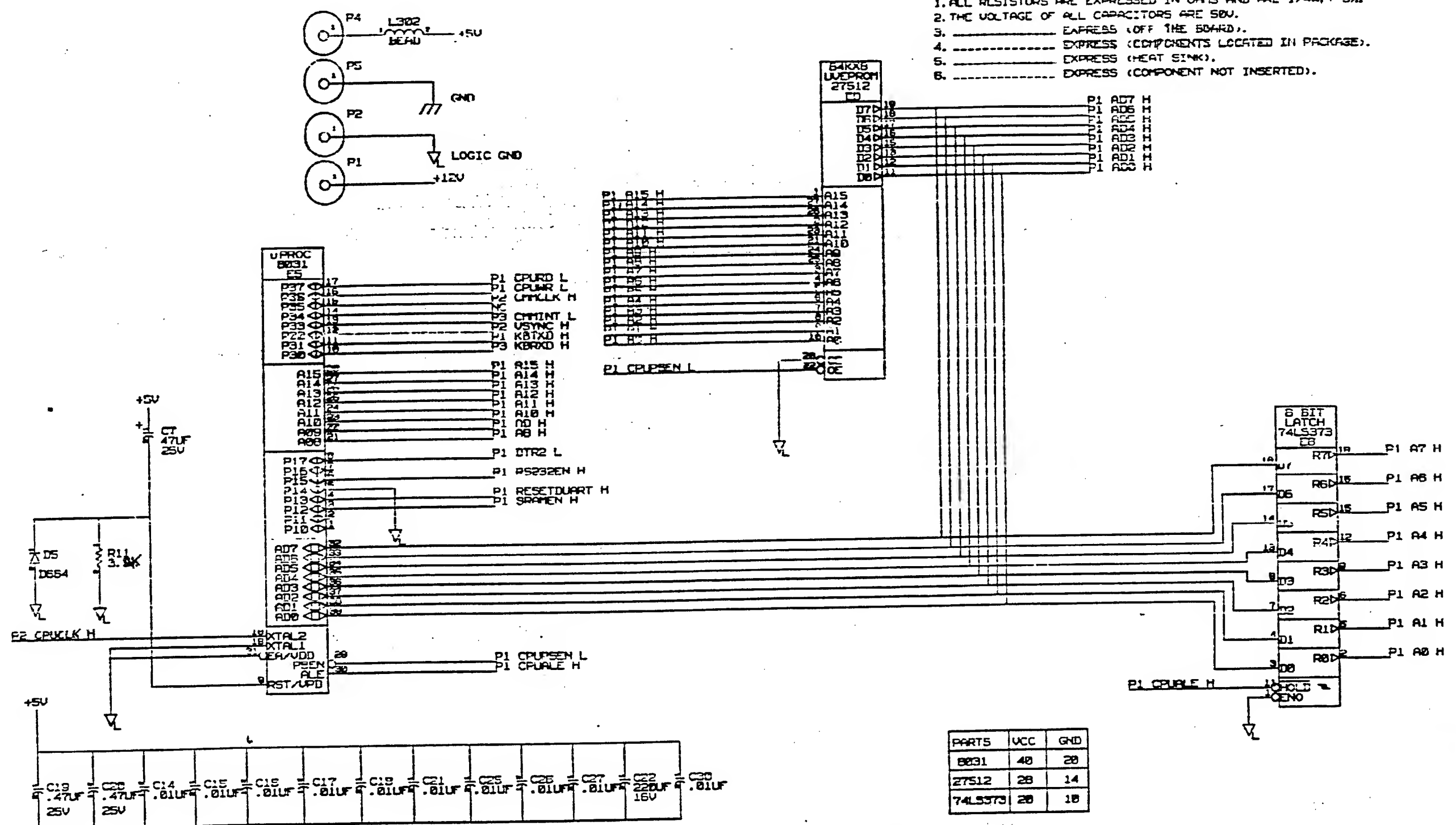
digital
LOCAL
FIRST USED ON OPTICAL/VIDEO

C. M WANG		DATE 5-MAY-66	EMP. S. W CHENG	DATE 5-MAY-66	TITLE SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (INTERNATIONAL)		
S. F LU		DATE 5-MAY-66	ISSUE LOCATION 1 OF 4		SIZE B	CODE CS	NUMBER 5417277-0-1
TOP DOCUMENT NUMBER B-DD-5417277-0-0					REV. A		

BPO

NOTE: UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +-5%.
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. _____ EXPRESS (OFF THE BOARD).
4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. _____ EXPRESS (HEAT SINK).
6. _____ EXPRESS (COMPONENT NOT INSERTED).



THIS DRAWING AND SPECIFICATION ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART OR THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. COPYRIGHT © 1987 DIGITAL EQUIPMENT CORPORATION

REVISION 1	OK CHANGE NO. REV
JUN '87	RELEASED A

DRAWING

LAST MODIFIED=Sat Jun 6 10:27:57 1987

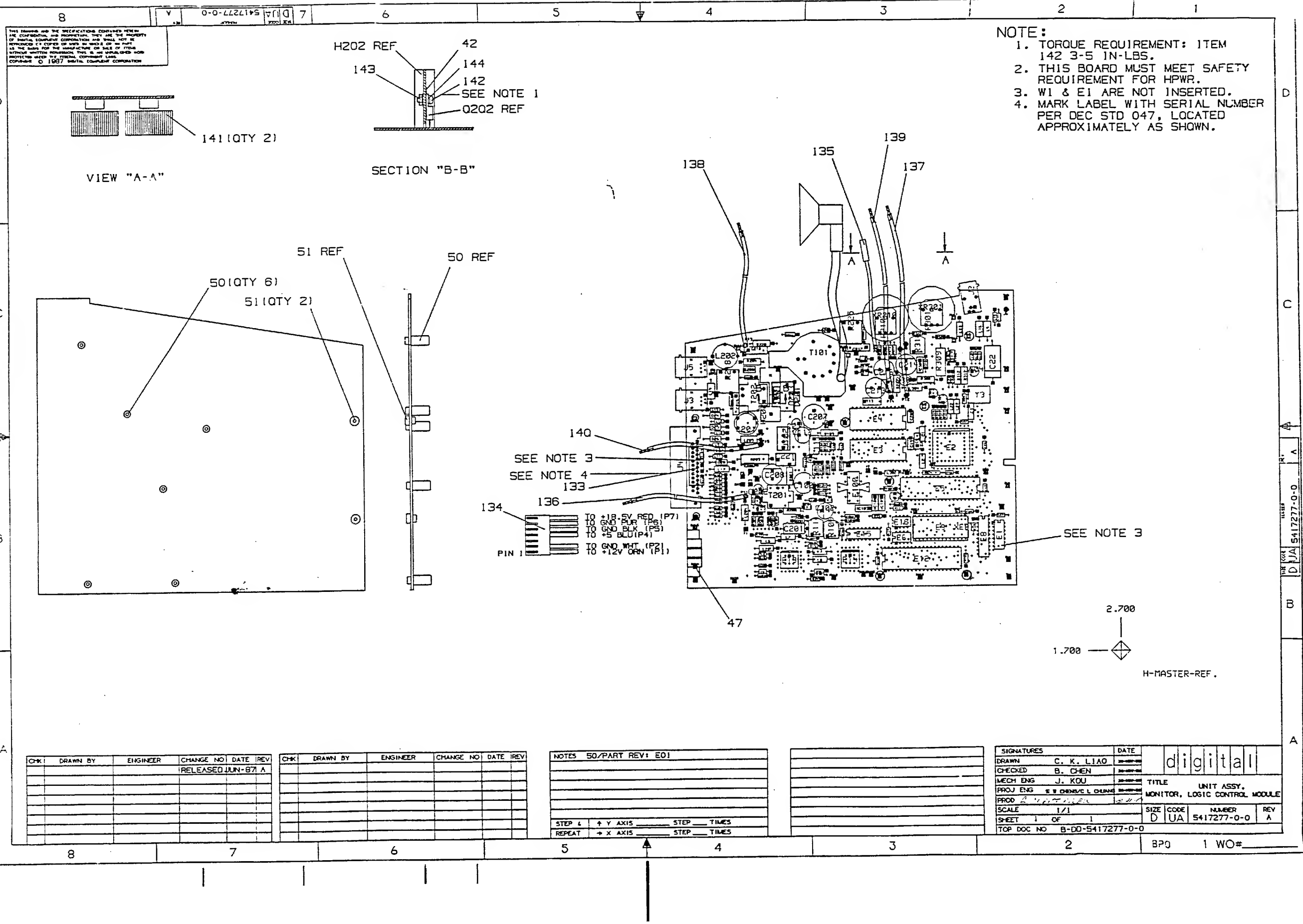
digital

C. H. WANG	6-MAY-86	S. W. CHENG	6-MAY-86
S. F. LU	6-MAY-86		

TOP DOCUMENT NUMBER: B-DD-5417277-8-8

TITLE: SCHEMATIC, MONITOR & TERMINAL CONTROL MODULE (INTERNATIONAL)

SIZE B	CODE CS	NUMBER 5417277-8-1	REV. A
--------	---------	--------------------	--------



LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01 A1	
1	1 B-DD-5017276-0-0	50-17276-01 E		CIRCUIT DRILL AND ETCH	1	
2	2	10-00010-00	39	PFD 100V +/- 5% 200PP	1	C8
3	3	10-00015-00	82	PFD 100V +/- 5% 200PP	1	C4
4	4	10-01610-00		0.010MFD 50V +80/-20% Z5U C	13	C9,C10,C14-C18,C21,C25-C27,C30,
						CONT C31
5	5	10-02608-00	18	PFD 100V +/- 5% 200PP	1	C3
6	6	10-10279-01	0.47	MFD 25V +/-20% Z5U C	2	C19,C20
7	7	10-13466-04	33	PFD 50V +/- 5% NP0 C	1	C106
8	8	10-13466-12	2200	PFD 50V +/-10% X7R C	1	C107
9	9	10-13466-22	0.10	MFD 50V +80/-20% Z5U C	2	C101,C209
10	10	10-16544-00	0.10	MFD 100V +/-10% MYLAR	1	C111
11	11	10-16553-00	4.7	MFD 25V +75/-10% ALU	1	C201
12	12	10-16570-00	1000	PFD 500V +80/-20% X5S/Z	1	C215
13	13	10-16572-00	300	PFD 500V +/-10% X5F/X	1	C206
14	14	10-18000-15	10	MFD 250V +50/-20% ALU	1	C216
15	15	10-18000-17	470	MFD 25V +50/-20% ALU	3	C100,C208,C213
16	16	10-18000-29	10	MFD 25V +75/-20% ALU	3	C202,C211,C304
17	17	10-18000-31	470	MFD 16V +50/-20% ALU	1	C112
18	18	10-18000-33	100	MFD 25V +50/-20% ALU	1	C102
19	19	10-18000-34	100	MFD 100V +50/-20% ALU	1	C214
20	20	10-18000-40	47	MFD 25V +/-20% ALU	1	C7
21	21	10-19559-02	0.010MFD	1000V +/-20% Y5U/Z	1	C219
22	22	10-20446-12	220	MFD 16V +50/-10% ALU	1	C22
23	23	10-20604-03	0.10	MFD 100V +/- 5% MET.	3	C103,C108,C109
24	24	10-21480-07	0.012MFD	400V +/- 5% POLYP	1	C203
25	25	10-22087-01	1000	PFD 100V +/-20% Z5P	1	C305
26	26	10-23486-03	22	MFD 16V +/-20% ALU	1	C110
27	27	10-26646-01	0.10	MFD 250V +/-10% MYLAR	1	C113
28	28	10-27656-01	0.022MFD	100V +/- 5% MET.	1	C221
29	29	10-28139-01	6.8	MFD 35V +/-20% ALU	1	C207
30	30	10-28377-01	4700	PFD 2000V +80/-20%	2	C217,C218
31	31	11-00114-00	PIV=	25 IO=135 MA	3	D5,D21,D22

REVISION HISTORY		KPL MODULE FORMAT		SECTION A OF A		DRN: F. LIU		D I G I T A L	
ENG: ECO NUMBER		REV		SECTION/VARIATION INDEX		DATE: 20-NOV-86		TITLE PARTS LIST	
---		INITIAL		[A] 01 [M]		CHK'D: B. CHEN		MONITOR, LOGIC CONTROL MODULE	
				[B] [N]		DATE: 20-NOV-86			
				[C] [P]		DES.ENG: L.C. CHEN			
				[D] [Q]		DATE: 20-NOV-86		DOCUMENT NUMBER	
				[E] [R]		RESP.ENG.: C.L. CHUANG		SIZE CODE NUMBER REV	
				[F] [S]		DATE: 20-NOV-86		K PL 5417277-0-DBP A	
				[H] [T]		MFG.ENG: G. CHRISTIANSEN		RELEASE DATE: 16-JUN-87	
				[J] [V]		DATE: 09-JUN-87		RELEASE STATUS: RELEASED	
				[K] [W]					
				[L] [Y]					
				BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:	
				5417277		D-UA-5417277-0-0		B-DD-5417277-0-0	
								FILE NAME: EDIT #	
								MLA1269A.PLS 20	
"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."									

LINE ITEM

TOP DOCUMENT

PART NUMBER

MIN
REV

DESCRIPTION

Q1
A1

32	32	11-05796-00	PIV= 400 IO= 1.00A 1N4004 D0-41	4	D33,D34,D100,D202
33	33	11-09990-00	VZ= 9.1 5% 400 MW 1N757A	1	D501
34	34	11-12594-02	PIV= 600 IO= 3.00A	1	D201
35	35	11-12595-02	PIV= 600 IO= 1.00A AXIAL	3	D204,D206,D207
36	36	11-16475-00	PIV= 75 - 4NS 1N4148	3	D200,D301,D302
37	37	11-21581-01	PIV=1500 IO= 60MA	1	D203
38	38	11-24037-01	VZ= 36.0 5% 400 MW 1N974B D0-35	18	D6-D12,D15-D20,D23,D29,D36-D38
39	39	11-26743-01	TRANS SUPP 600W 10V +/-	2	D26,D27
40	40	11-26743-02	TRANS SUPP 600W 22V +/-	3	D24,D25,D28
41	41	11-27611-01	DIA SURGE ABSORBER 300V +/-15%	1	D304
42	42	12-13071-06	INSULATOR,RUBBER SILICONE	1	H202
43	43	12-13921-11	HEAT SINK,EXTRUSION 1.380X1.50	1	XE9
44	44	12-15006-07	SKT,IC 28PIN DIP TIN SOLD	1	J102
45	45	12-16521-00	PCB,HEADER 04PIN(1X04).156CC STR	1	J2
46	46	12-18826-07	CONN,PHONE JACK 04POS	1	
47	47	12-20840-01	STRIP,SHIELDING EMI/RFI 1.250LG	1	J3,J5
48	48	12-23433-02	CONN,LAN JACK 06 POS	2	J4
49	49	12-26314-01	CONN,D SUB 25POS ASSY 90D GOLD	1	
50	50	12-28433-01	INSERT	6	
51	51	12-28433-02	INSERT	2	J7,J8
52	52	12-28473-01	PCB HEADER PIN .0620D TIN	2	R17
53	53	13-00250-00	150.0 .25 W 5.0 % CF	1	R208
54	54	13-00338-00	560.0 .50 W 5.0 % CF	1	R312
55	55	13-00354-00	750.0 .50 W 5.0 % CF	1	R222
56	56	13-00364-00	1.0 K .50 W 5.0 % CF	1	R15,R317,R318
57	57	13-00365-00	1.0 K .25 W 5.0 % CF	3	R313,R314
58	58	13-00417-00	2.20 K .25 W 5.0 % CF	2	R100,R120
59	59	13-00439-00	3.30 K .25 W 5.0 % CF	2	R11,R14
60	60	13-00444-00	3.90 K .25 W 5.0 % CF	2	R12
61	61	13-00447-00	4.70 K .25 W 5.0 % CF	1	R33
62	62	13-00479-00	10.0 K .25 W 5.0 % CF	1	R108
63	63	13-00496-00	15.0 K .25 W 5.0 % CF	1	R121
64	64	13-01320-00	1.20 K .25 W 5.0 % CF	1	R320
65	65	13-01322-00	180.0 .25 W 5.0 % CF	1	R117
66	66	13-01421-00	15.0 .25 W 5.0 % CF	1	R119
67	67	13-01423-00	6.80 K .25 W 5.0 % CF	1	R201,R505
68	68	13-01424-00	680.0 .25 W 5.0 % CF	2	R307,R315
69	69	13-01477-00	82.0 .25 W 5.0 % CF	2	R114
70	70	13-01874-00	5.60 K .25 W 5.0 % CF	1	R106,R211,R217
71	71	13-02092-00	220.0 K .25 W 5.0 % CF	3	R310
72	72	13-02177-00	47.0 K .25 W 5.0 % CF	1	R109
73	73	13-02395-00	56.0 K .25 W 5.0 % CF	1	R104
74	74	13-02397-00	180.0 K .25 W 5.0 % CF	1	R223
75	75	13-02466-00	100.0 K .25 W 5.0 % CF	1	R212
76	76	13-03219-00	82.0 K .25 W 5.0 % CF	1	R110
77	77	13-04838-00	43.0 K .25 W 5.0 % CF	1	R504
78	78	13-05253-00	7.15 K .25 W 1.0 % RN55D-F10	1	R34
79	79	13-05346-00	27.0 K .25 W 5.0 % CF	1	R204,R221
80	80	13-09405-00	68.0 .50 W 5.0 % CF	2	R226
81	81	13-09595-00	1.0 M .25 W 5.0 % CF	1	

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5417277-0-DBP	A

TITLE	SECTION A OF A
MONITOR, LOGIC CONTROL MODULE	

AUTOMATED BY VAXKFL (V1.3)

P A R T S L I S T

QTY PER VAR/REV

REFERENCE DESIGNATORS

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV	REFERENCE DESIGNATORS
					01	
					A1	
82	82	13-12930-00	5.10 K	.25 W 5.0 % CF	1	R13
83	83	13-12931-00	6.20 K	.25 W 5.0 % CF	1	R113
84	84	13-13349-00	33.0 K	.25 W 5.0 % CF	2	R31,R32
85	85	13-13752-00	15.0 K	.25 W 1.0 % RN55D-F10	1	R501
86	86	13-14650-00	91.0 K	.25 W 5.0 % CF	1	R224
87	87	13-14954-00	430.0	.50 W 5.0 % CF	1	R311
88	88	13-15437-00	237.0 K	.25 W 1.0 % RN55D-F10	1	R102
89	89	13-16441-00	2.40 M	.25 W 5.0 % CF	1	R216
90	90	13-16507-00	2.70	.50 W 5.0 % CF	1	R103
91	91	13-19242-00	750.0 K	.25 W 5.0 % CF	1	R112
92	92	13-19471-16	150.0	2.0 W 5.0 % M.OXIDE	1	R203
93	93	13-19471-25	560.0	2.0 W 5.0 % M.OXIDE	1	R309
94	94	13-19563-01	POT-OPEN/TRIM	5.0M 0.33W 20.0	2	R218,R225
95	95	13-20608-01	3.30	.25 W 5.0 % CF	1	R107
96	96	13-20632-01	1.30 K	.25 W 5.0 % CF	1	R503
97	97	13-20713-01	390.0 K	.50 W 5.0 % CF	1	R220
98	98	13-27943-02	POT-OPEN/TRIM	100.0K 0.15W 20.0	1	R210
99	99	13-27943-03	POT-OPEN/TRIM	500.0 0.15W 20.0	1	R301
100	100	13-28026-01	POT-OPEN/TRIM	2.0K 0.2 W 20.0	1	R316
101	101	13-28026-03	POT-OPEN/TRIM	100.0K 0.2 W 20.0	2	R105,R111
102	102	15-09524-00	2N 3904	NPN 310MW SI 4C 40 M	1	R308
103	103	15-10705-00	XA 05	NPN 500MW SI 60 50 P	1	Q502
104	104	15-10706-00	XA 55	PNP 500MW SI 60 50 P	1	Q201
105	105	15-12976-00	MPSA43	NPN 625MW SI200 50	1	Q501
106	106	15-20857-01	MPS2369	NPN 350MW 40V 200MA T	2	Q101
107	107	15-27609-01	BU406	NPN 400V 60W T0220	1	Q301,Q303
108	108	15-28392-01	TRANSISTOR,VIDEO OUTPUT		1	Q202
109	109	16-13898-01	33.0 UH	INDUCTOR	1	Q302
110	110	16-18238-02	BEAD,FERRITE	.1380DX.330LG	12	L204
111	111	16-21807-01	COIL,WIDTH,VARIABLE	INDUCTOR	1	L1-L3,L6-L8,L17,L20-L23,L302
112	112	16-27761-01	10.0 UH 10% Q= 55 @ 7.9MHZ	SRF=	4	L201
113	113	16-27975-01	XFR,FLYBACK,HI VOLT	18.9KHZ	1	L5,L14,L16,L205
114	114	16-28226-01	CHOKE COIL	2.2UH 10%	6	T101
115	115	16-28286-01	XFMR,HOR BUFFER		1	L9-L13,L15
116	116	16-28287-01	COIL,LINEARITY		1	T201
117	117	16-28364-01	XFMR,DYNAMIC FOCUS	LP=15MH TURNS	1	L202
118	118	16-28365-01	CHOKE,RF COATED	3.3UH 10% Q=65@7	1	T202
119	119	18-28361-01	XTAL	26.366 MHZ	1	L304
120	120	19-12847-00	LS157	MUX 1 OF 2(QUAD)	1	Y3
121	121	19-15219-00	LS373	FF-D OCTAL-TRANSPARE	1	E15
122	122	19-23889-01	EIA OCTAL LINE DRIVE		1	E8
123	123	19-23890-01	EIA OCTAL LINE RECEI		1	E13
124	124	19-27621-01	VERT DEFLECTION CHIP		1	E14
125	125	19-27782-01	DUAL LINE RECEIVER		1	E100
126	126	21-20068-01	2681	REC./TRANS.,ASYNC.,D	1	E16
127	127	21-20115-02	8031AH	MICROPROCESSOR,8BIT	1	E12
128	128	21-21384-03	RAM	8KX8,STATIC 120	1	E5
129	129	21-27705-02	DC7081	CONTROLLER,VIDEO+RAM,420	2	E3,E4
130	130	23-N4	-01	1024 EPROM	1	E2
131	131					E6

D	I	G	I	T	A	L
---	---	---	---	---	---	---

TITLE

MONITOR, LOGIC CONTROL MODULE

SECTION A OF A

SIZE	CODE	DOCUMENT NUMBER	REV
K	PL	5417277-0-DBP	A

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV		REFERENCE DESIGNATORS
						01	A1	
132	132		23-48E7 -00		E7-01	1		E9
133	133		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1		
134	134	C-IA-7024307-0-DBU	70-24307-02	A	CONN/WIRE ASSY	1		
135	135	B-IA-702476-0-DBU	70-24576-01	A	WIRE W/CONNECTOR	1		P8
136	136	B-IA-7024586-0-DBU	70-24586-01	A	WIRE W/PCB CRIMP	1		P11
137	137	B-IA-7024586-0-DBU	70-24586-02	A	WIRE W/PCB CRIMP	1		P12
138	138	B-IA-7024586-0-DBU	70-24586-03	A	WIRE W/PCB CRIMP	1		P13
139	139	B-IA-7024586-0-DBU	70-24586-04	A	WIRE W/PCB CRIMP	1		P14
140	140	B-IA-7024586-0-DBU	70-24586-05	A	WIRE W/PCB CRIMP	1		P15
141	141	C-MD-7434090-0-DBU	74-34090-01	A	THUMBWHEEL	2		
142	143		90-06010-01		SCREW,MACH PAN PHIL 4-	1		
143	144		90-06557-00		NUT,HEX EXT TOOTH LCKWSHR 4-40	1		
144	145		90-10057-00		WASHER,SHOULDER INSULATG PPS	1		

1 GEN: 11-26743-01 CAN BE SUBSTITUTED BY 11-28275-01.
2 GEN: 11-26743-02 CAN BE SUBSTITUTED BY 11-28275-02.
3 GEN: 15-20857-01 CAN BE SUBSTITUTED BY 15-21002-01.

D	I	G	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
									K	PL	5417277-0-DBP	A

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	02 A1
1	1	B-DD-5417191-0-0	54-17191-01	A	POWER SUPPLY BOARD	1	-
2	2	B-DD-5417279-0-0	54-17279-01	A	PWR SUPPLY BRD	-	1
3	3	B-IA-7024296-0-DBU	70-24296-01	A	POWER CORD ASSY	1	-
4	4	B-IA-7024298-0-DBU	70-24298-01	A	FILTER ASSY	-	1
5	5	C-IA-7024570-0-DBU	70-24570-01	A	SHIELD/GND TAB ASSY	1	-
6	6	C-IA-7024570-0-DBU	70-24570-02	A	SHIELD/GND TAB ASSY	-	1
7	7		12-23381-02		SW,RKR DPST ON-NONE-OFF 10A25	1	1
8	8		90-00049-66		SCREW,SEMS PAN PHIL EXT WSH 4-40	1	1
9	9		36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1	1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: C.H. CHEN		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 17-SEP-86		CHK'D: R.J. LIN		TITLE PARTS LIST			
---	INITIAL	A	[A] 01,02		DATE: 13-MAY-87		DATE: 13-MAY-87		POWER SUPPLY ASSY			
			[B]				DES.ENG: J. KOU					
			[C]				DATE: 17-SEP-86		DOCUMENT NUMBER			
			[D]						SIZE	CODE	NUMBER	REV
			[E]				RESP.ENG.: O. LIN		K	PL	7024244-0-DBP	A
			[F]				DATE: 13-MAY-87					
			[H]				MFG.ENG: GORDON WU		RELEASE DATE: 18-JUN-87			
			[J]				DATE: 11-JUN-87		RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			7024244		D-AD-7024244-0-DBU		D-AD-7024244-0-DBU		MLA0718A.PLS		13	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. NO PARTS MAY BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT WRITTEN PERMISSION OF DIGITAL EQUIPMENT CORPORATION.

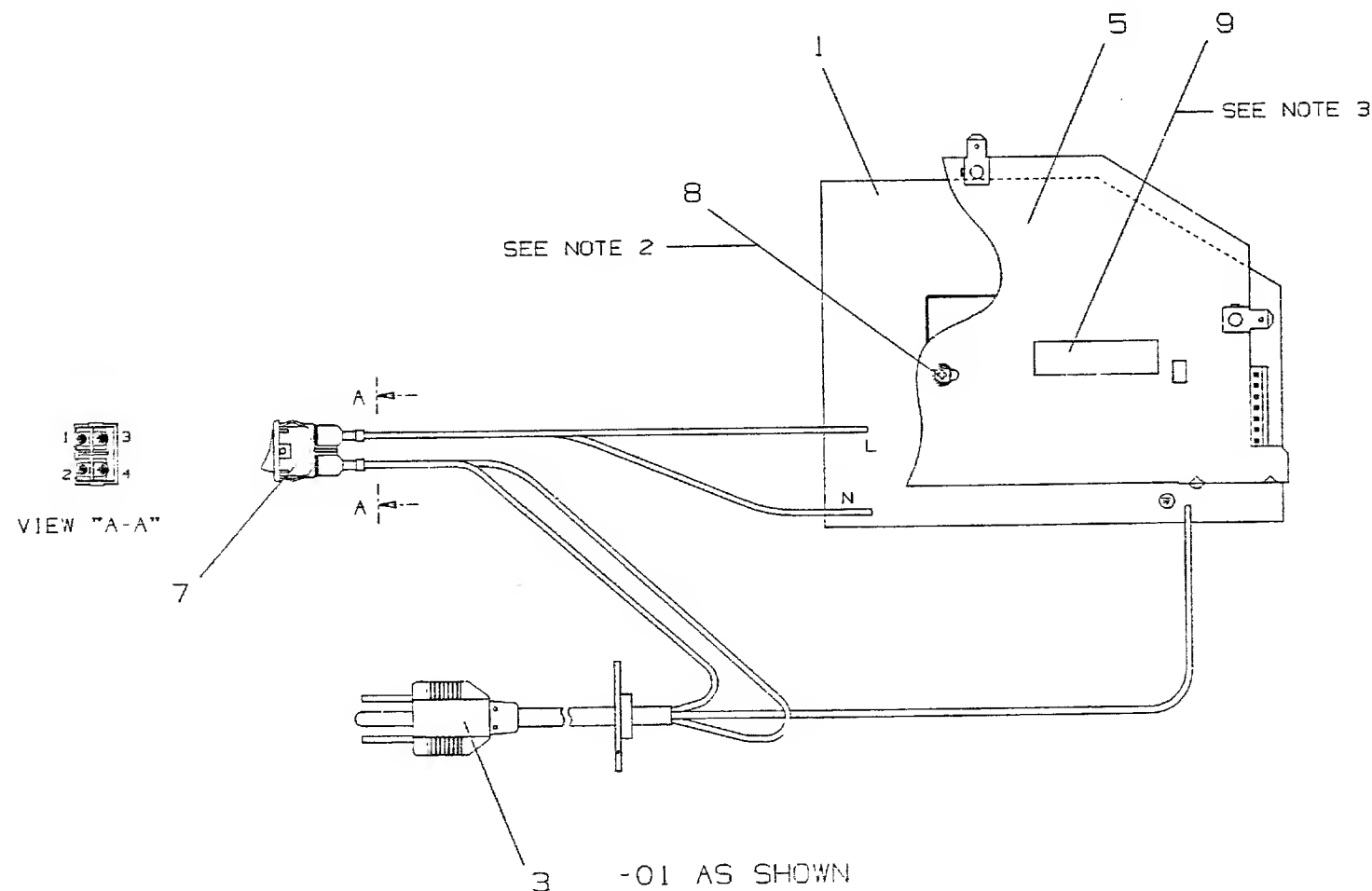
1987 DIGITAL EQUIPMENT CORPORATION

LEGEND		
PART NO	REV.	DESCRIPTION
7024244-01	A01	120V W/ATTACHED PWR CORD
7024244-02	A01	120/240V W/O PWR CORD

WIRE TABLE -01 VAR						
ITEM NO.	AWG	COLOR	FROM		TO	
			CONNECTION	WITH	CONNECTION	WITH
3	-	BLU	-	-	ITEM 7 PWR SW "4"	-
3	-	BRN	-	-	ITEM 7 PWR SW "2"	-
3	-	GRN/YEL	-	-	ITEM 1 "GND SYMBOL"	SOLDER
-	18	BLU	ITEM 1 "N"	-	ITEM 7 PWR SW "3"	-
-	18	BRN	ITEM 1 "L"	-	ITEM 7 PWR SW "1"	-

NOTES:

1. POSITION VOLTAGE SELECTION JUMPER FOR 240V ON -02 VAR.
2. TORQUE REQUIREMENT 4-6 IN-LBS
3. MARK ITEM 9 WITH PART NO. AND REV. PER DEC STD 047. LOCATED APPROXIMATELY AS SHOWN.



CAUTION: OFF SHEET PARTS LIST EXISTS.
SEE K-PL-7024244-0-DBP
(MLA0718A.PLS)

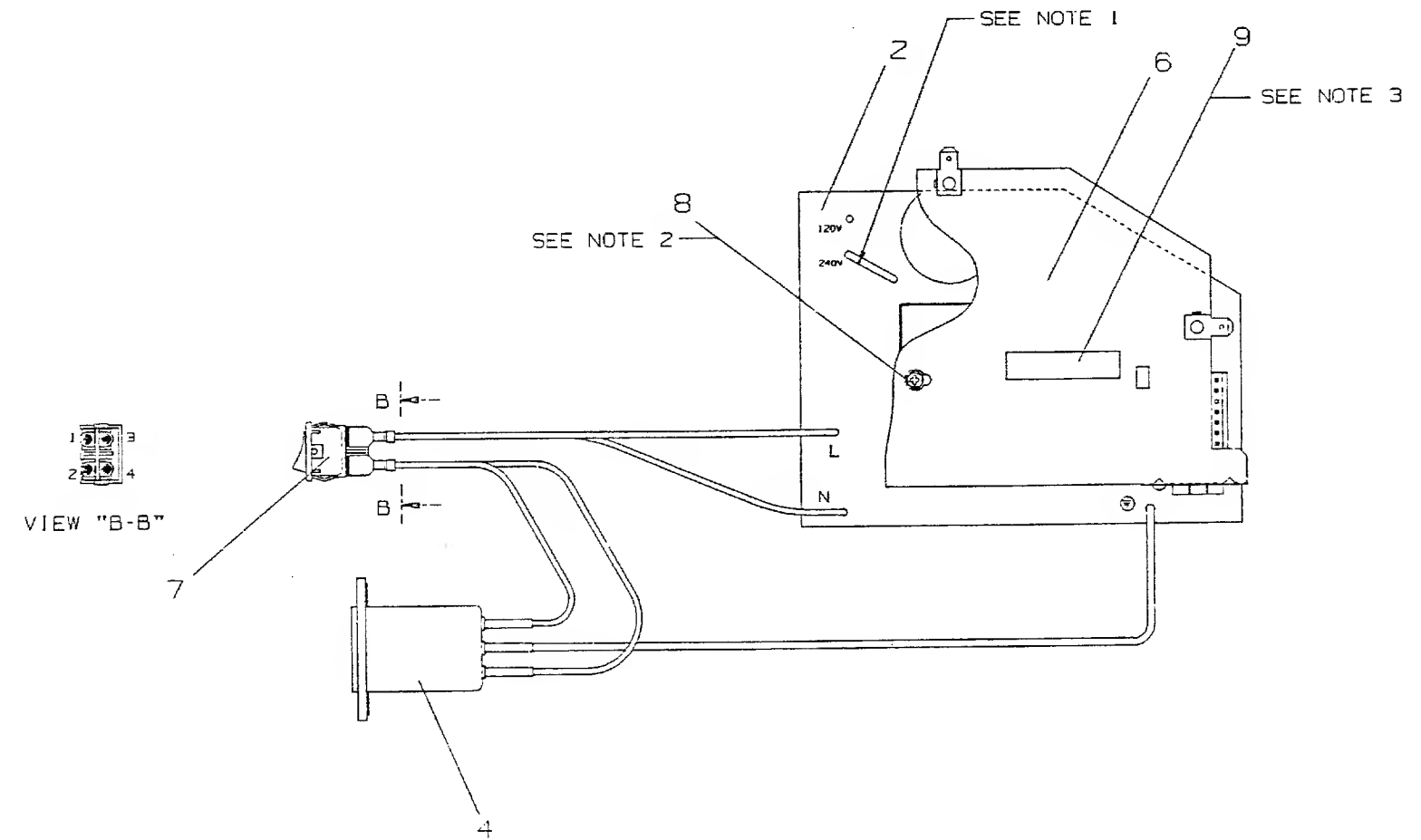
DESCRIPTION		DRAWING NO.		PART NO		ITEM NO
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)						
DIMENSIONS RANGE IN INCHES						
INCHES TOLERANCE	ANGLES TOLERANCE	APPLICABLE DIMENSION RANGE	OVER 0 TO .2	OVER .2 TO .5	OVER .5 TO 1.0	OVER 1.0 TO 2.0
.XX ± .1	SURFACE QUALITY	CHECK DIM	±.02	±.03	±.05	±.10
.XXX ± .02			±.04	±.06	±.08	±.12
.XXX ± .005	MICROINCHES		±.004	±.006	±.008	±.012
QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DRN	C.H. CHEN	DATE	15-SEP-88	TITLE
		CHK'D	R.J. LIN	DATE	14-MAY-87	POWER SUPPLY ASSY
	DO NOT SCALE DRAWING	DES. ENG.	J. KOU	DATE	15-SEP-88	
	REMOVE BURRS AND BREAK SHARP CORNERS	REP. ENG.	O. LIN	DATE	14-MAY-87	
MATERIAL		WFO ENG	G. WU	DATE	14-MAY-87	
FINISH		TOP DEC. NO.	D-AD-7024244-0-DBU	SCALE	1:1	SHEET 1 OF 2

REV	ECO	RENDER	DATE
A			

THIS DRAWING AND SPECIFICATIONS ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION. NO PART OF THIS DRAWING OR SPECIFICATIONS MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM DIGITAL EQUIPMENT CORPORATION.

1987 DIGITAL EQUIPMENT CORPORATION

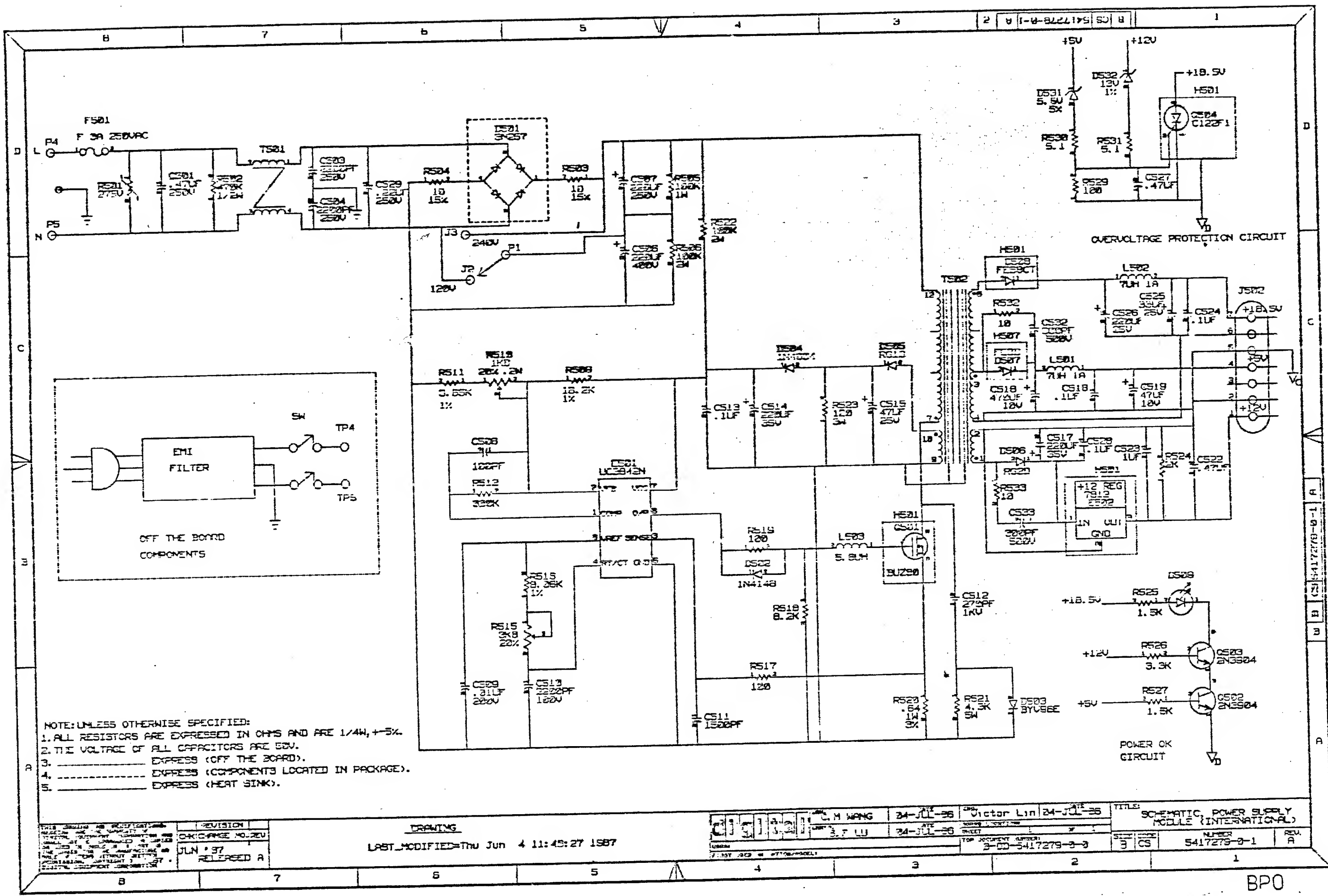
WIRE TABLE -02 VAR						
ITEM NO.	DESCRIPTION		FROM		TO	
	AWG	COLOR	CONNECTION	WITH	CONNECTION	WITH
4	-	BLU	-	-	ITEM 7 PWR SW "4"	-
4	-	BRN	-	-	ITEM 7 PWR SW "2"	-
4	-	GRN/YEL	-	-	ITEM 2 "GND SYMBOL"	SOLDER
-	18	BLU	ITEM 1 "N"	-	ITEM 7 PWR SW "3"	-
-	18	BRN	ITEM 1 "L"	-	ITEM 7 PWR SW "1"	-



REVISION HISTORY		
REV	ECO NUMBER	DATE

DOCUMENT NUMBER			
SIZE	CODE	NUMBER	REV.
D	AD	7024241-0-DBU	A
SCALE 1/1		SHEET 2 OF 2	

TITLE
POWER SUPPLY ASSY



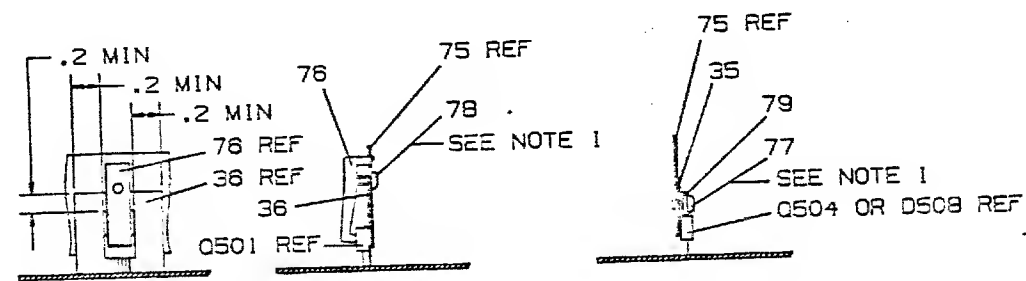
NOTE: UNLESS OTHERWISE SPECIFIED:
1. ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE 1/4W, +5%.
2. THE VOLTAGE OF ALL CAPACITORS ARE 50V.
3. _____ EXPRESS (OFF THE BOARD).
4. _____ EXPRESS (COMPONENTS LOCATED IN PACKAGE).
5. _____ EXPRESS (HEAT SINK).

THIS DRAWING IS UNCLASSIFIED DATE 10-10-2001 BY 10101 REASON: DECLASSIFICATION AUTHORITY ON 10-10-2001 BY 10101 THE CLASSIFICATION IS BASED ON FEDERAL ACQUISITION REGULATION PART 101-11.6, WHICH DOES NOT APPLY TO THIS DOCUMENT.		REVISION CHANGE NO. REV JUN '97 RELEASED A	DRAWING LAST MODIFIED THU JUN 4 11:45:27 1987	DESIGNED BY L. M. WANG DATE 24-JUL-86 CHECKED BY J. F. LU DATE 24-JUL-86 TOP DOCUMENT NUMBER 3-03-5417279-3-3	DESIGNED BY Victor Lin DATE 24-JUL-86 CHECKED BY DATE DATE TOP DOCUMENT NUMBER 3-03-5417279-3-3	TITLE SCHEMATIC, POWER SUPPLY MODULE (INTERNAL)	REV. A
--	--	---	--	--	---	---	-----------

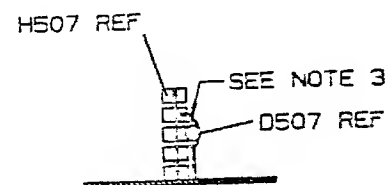
BPO

THIS DRAWING AND THE INFORMATION CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DYNALIFE, INCORPORATED AND SHALL NOT BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF DYNALIFE, INCORPORATED. THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED DATE 03/15/87 BY 1567 DYNALIFE, INCORPORATED

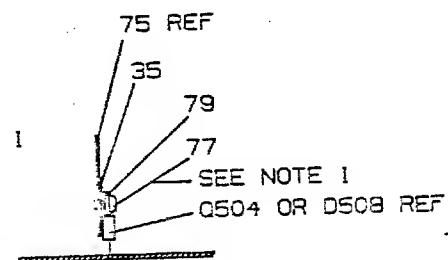
- NOTE:
1. TORQUE REQUIREMENT: ITEMS 77 & 78 3-5 IN-LBS.
 2. THIS BOARD MUST MEET SAFETY REQUIREMENT FOR HPWR.
 3. LEAD OF D507 PIN 1 AS SHORT AS POSSIBLE.
 4. SOLDER GROUNDING WIRE OF T502 TO P6(SGND HOLE).
 5. MARK LABEL WITH SERIAL NUMBER PER DEC STD 047, LOCATED APPROXIMATELY AS SHOWN.



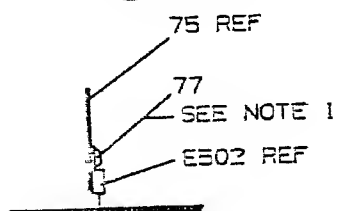
SECTION "A-A"



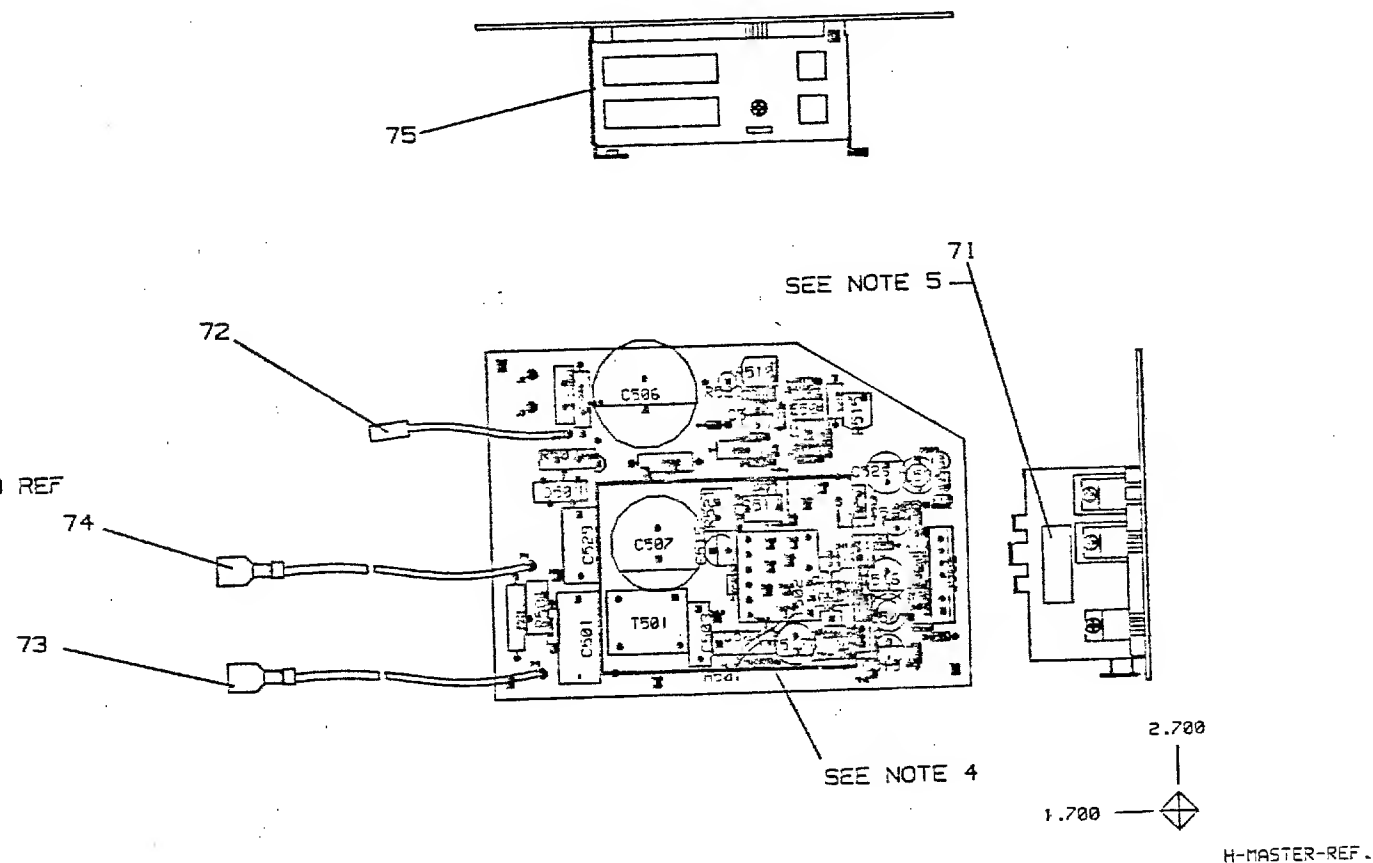
SECTION "C-C"



SECTION "B-B"
2 PLCS



SECTION "D-D"

[illegible]

NOTES

STEP 1	+ Y AXIS	STEP	TIMES
REPEAT	+ X AXIS	STEP	TIMES

SIGNATURES		DATE	digital	
DRAWN	NELSON LEE	28-09-79		
CHECKED	J. CHEN	28-09-79		
MECH ENG	J. KOU	28-09-79	TITLE UNIT ASSY.	
PROJ ENG	J. S. LO	28-09-79	POWER SUPPLY MODULE	
PROD				
SCALE	1/1		SIZ D	CODE NUMBER
SHEET 1	OF 1		UA	5417279-0-0
TOP DOC NO		B-00-5417279-0-0		

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY PER VAR/REV 01 A1	REFERENCE DESIGNATORS
1	1	B-DD-5017279-0-0	50-17278-01	E	DRILL AND ETCH	1	
2	2		10-10274-02		1.0 MFD 50V +80/-20% Z5U C	1	C523
3	3		10-10978-60		0.10 MFD 50V +/-10% X7R C	3	C513,C518,C524
4	4		10-12312-01		0.47 MFD 50V +80/-20% Z5U C	2	C522,C527
5	5		10-13466-06		100 PFD 50V +/- 5% NP0 C	1	C508
6	6		10-13466-22		0.10 MFD 50V +80/-20% Z5U C	1	C528
7	7		10-13466-29		1500 PFD 50V +/- 5% NP0 C	1	C511
8	8		10-16572-00		300 PFD 500V +/-10% X5F/X	2	C532,C533
9	9		10-16639-00		0.010MFD 200V +/-10% MYLAR	1	C509
10	10		10-19413-06		220 MFD 250V +50/-20% ALU	1	C507
11	11		10-22398-01		470 MFD 10V +/-20% ALU	1	C516
12	12		10-24317-02		0.47 MFD 250VAC +/-20% LIN	1	C501
13	13		10-24317-03		0.22 MFD 250VAC +/-20% LIN	1	C529
14	14		10-24375-01		2200 PFD 250VAC +/-20% LIN	2	C503,C504
15	15		10-24422-01		220 MFD 35V +/-20% ALU	1	C514
16	16		10-26456-01		2200 PFD 100V +/- 1% POLYPR	1	C510
17	17		10-27183-02		270 PFD 1000V +/-20% POLYP	1	C512
18	18		10-27912-01		47 MFD 25 +/-20% ALU	1	C515
19	19		10-27942-01		220 MFD 25V +/-20% ALU	1	C526
20	20		10-27944-01		220 MFD 400V +/-20% ALU	1	C506
21	21		10-27955-01		33 MFD 25V +/-20% ALU	1	C525
22	22		10-28104-01		47 MFD IPV +/-20% ALU	1	C519
23	23		10-28114-01		220 MFD 35V +/-20% ALU	1	C517
24	24		11-02808-00		VZ= 5.6 5% 400 MW 1N752A	1	D531
25	25		11-05796-00		PIV= 400 IO= 1.00A 1N4004 DO-41	1	D504
26	26		11-12595-01		PIV= 200 IO= 1.00A AXIAL	1	D505
27	27		11-14384-00		LED 105MW 35MA GREEN	1	D509
28	28		11-16475-00		PIV= 75 - 4NS 1N4148	1	D502
29	29		11-17490-00		RECT,ULTRA FAST PIV= 150 IO= 8.0	1	D508
30	30		11-18411-00		VZ= 13.0 1% 500 MW 1N5243	1	D532
31	31		11-20828-01		PIV=1000 IO= 1.50A	1	D503
32	32		11-21435-01		RECT. ASSY PIV= 600 IO= 2.00A	1	D501

REVISION HISTORY			KPL MODULE FORMAT		SECTION A OF A	DRN: F LIU	D I G I T A L			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 20-NOV-86				
---	INITIAL	A	[A]	01	[M]	CHK'D: B CHEN	TITLE PARTS LIST			
			[B]		[N]	DATE: 20-NOV-86	POWER SUPPLY MODULE			
			[C]		[P]	DES.ENG: V LIN				
			[D]		[Q]	DATE: 20-NOV-86	DOCUMENT NUMBER			
			[E]		[R]		SIZE	CODE	NUMBER	REV
			[F]		[S]	RESP.ENG.: JB LO				
			[H]		[T]	DATE: 20-NOV-86	K	PL	5417279-0-DBP	A
			[J]		[V]					
			[K]		[W]	MFG.ENG: G.CHRISTIANSEN	RELEASE DATE: 17-JUN-87			
			[L]		[Y]	DATE: 09-JUN-87	RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			5417279		D-UA-5417279-0-0	B-DD-5417279-0-0	MLA1270A.PLS		16	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ANY PRODUCT WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAW."

AUTOMATED BY VAXKPL (V1.3)

P A R T S L I S T

SHEET A2 OF A2

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	QTY 01 A1	PER VAR/REV	REFERENCE DESIGNATORS
33	33		11-25363-04		RECT,ULTRA FAST PIV=200 IO= 2.0A	1		D506
34	34		11-28186-01		PIV= 100 IO= 3.0 A 35NS	1		D507
35	35		12-13071-06		INSULATOR,RUBBER SILICONE	2		
36	36		12-13071-22		INSULATOR,RUBBER SILICONE	1		
37	37		12-15228-03		HEAT SINKS,T0-220 1.250X0.87	1		H507
38	38		12-24261-01		PCB HEADER PIN .12500 TIN	2		J2,J3
39	39		12-28096-01		FUSE,5X20 3.0 A 250V AXIAL LEA	1		F501
40	40		12-28477-02		PCB HEADER 07POS(1X07).156CC STR	1		J502
41	41		13-00229-00		100.0 .25 W 5.0 % CF	3		R517,R519,R529
42	42		13-00391-00		1.50 K .25 W 5.0 % CF	2		R525,R527
43	43		13-00439-00		3.30 K .25 W 5.0 % CF	1		R526
44	44		13-01317-00		10.0 .25 W 5.0 % CF	2		R532,R533
45	45		13-02091-00		330.0 K .25 W 5.0 % CF	1		R512
46	46		13-02388-00		2.0 K .25 W 5.0 % CF	1		R524
47	47		13-03179-00		8.20 K .25 W 5.0 % CF	1		R518
48	48		13-05337-00		3.65 K .25 W 1.0 % RN55D-F10	1		R511
49	49		13-09412-00		18.20 K .25 W 1.0 % RN55D-F10	1		R509
50	50		13-09422-00		5.10 .25 W 5.0 % CF	2		R530,R531
51	51		13-11996-02		VARISTOR 275VAC VOLT TRANS SUP	1		R501
52	52		13-18150-12		8.06 K .25 W 1.0 % RN55D-F10	1		R516
53	53		13-19470-53		100.0 K 1.0 W 5.0 % M.OXIDE	1		R505
54	54		13-19471-44		100.0 K 2.0 W 5.0 % M.OXIDE	2		R506,R522
55	55		13-20715-01		470.0 K .50 W 5.0 % CF	1		R502
56	56		13-27007-01		THERMISTOR NTC 10. 15%	2		R503,R504
57	57		13-27013-13		120.0 3.0 W 5.0 % M.OXIDE	1		R523
58	58		13-28026-02		POT-OPEN/TRIM 1.0K 0.2 W 20.0	1		R510
59	59		13-28026-07		POT-OPEN/TRIM 3.0K 0.2 W 20.0	1		R515
60	60		13-28255-01		4.3 K 5.0 W 5.0% MO	1		R521
61	61		13-28260-01		0.64 1.0 W 3.0 % WW	1		R520
62	62		15-09524-00		2N 3904 NPN 310MW SI 40 40 M	2		Q502,Q503
63	63		15-19536-01		SCR PIV= 50 IO= 8.00A	1		Q504
64	64		15-21377-01		FET 75W 850V 2A N CH	1		Q501
65	65		16-12946-03		5.6 UH 10% 0 MIN=52@7.9MHZ	1		L503
66	66		16-28285-01		CHOKE COIL 7.0UH	2		L501,L502
67	67		16-28363-01		XFMR,SWITCH MODE 8.5KHZ	1		T502
68	68		16-28431-01		INDUCTOR,COMMON MODE	1		T501
69	69		19-12048-05		7812 VOLT REG,FIX +12V	1		E502
70	70		19-23626-01		PWM OFF-LINE CURRENT	1		E501
71	71		36-18460-01		LABEL,BAR CODE BLANK .38 X1.5	1		
72	72	B-1A-7022361-0-0	70-22361-00	A	JUMPER VOLTAGE SELECTOR	1		P1
73	73	B-1A-7023276-0-DBU	70-23276-05	A	WIRE W/FASTON	1		P5
74	74	B-1A-7023276-0-DBU	70-23276-06	A	WIRE W/FASTON	1		P4
75	75	B-1A-7024553-0-DBU	70-24553-01	A	ENCLOSURE, SHIELD W/GND TABS	1		H501
76	76	C-MD-7435248-0-DBU	74-35248-01	A	CLIP	1		
77	77		90-08301-01		SCREW,MACH PAN PHIL 4-	3		
78	78		90-09800-02		SCREW,THD RL,PAN PHIL F/PLAS	1		
79	79		90-10057-00		WASHER,SHOULDER INSULATG PPS	2		

Q	T	S	I	T	A	L	TITLE	SECTION A OF A	SIZE	CODE	DOCUMENT NUMBER	REV
							POWER SUPPLY MODULE		K	PL	64-7279-1-DBP	A

LINE ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1
1	1 E-MD-7434074-0-DBU	74-34074-01	A	COVER, TOP	1
2	2 B-MD-7434862-0-DBU	74-34862-01	A	SCREEN, LOUVER	1
3	3	12-28386-01		SCREW, CAPTIVE	2

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A	DRN: C. J. LEE	DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX			DATE: 17-SEP-86	TITLE PARTS LIST			
---	INITIAL	A	[A]	01		CHK'D: R. J. LIN	COVER ASSY			
			[B]			DATE: 13-MAY-87				
			[C]			DES. ENG: J. KOU				
			[D]			DATE: 17-SEP-86	DOCUMENT NUMBER			
			[E]				SIZE	CODE	NUMBER	REV
			[F]			RESP. ENG.: O. LIN	K	PL	7024242-0-DBP	A
			[H]			DATE: 13-MAY-87				
			[J]			MFG. ENG: GORDON WU	RELEASE DATE: 18-JUN-87			
						DATE: 11-JUN-87	RELEASE STATUS: RELEASED			
			BASIC PART NUMBER:		ASSEMBLY NUMBER:	TOP DOCUMENT NUMBER:	FILE NAME:		EDIT #	
			7024242		E-AD-7024242-0-DBU	E-AD-7024242-0-DBU	MLA0716A.PLS		5	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."

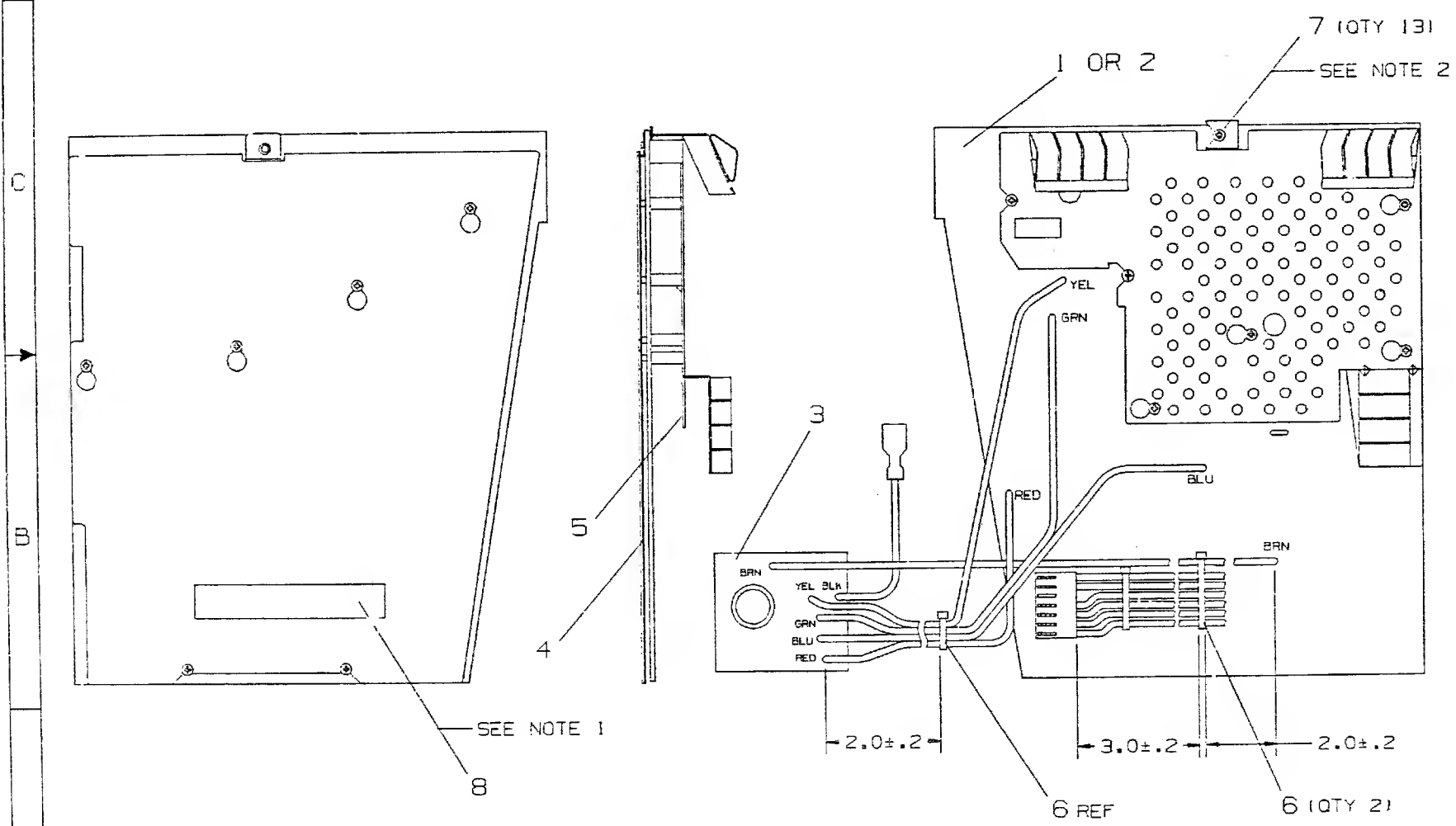
THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PROPERTY OF THE UNITED STATES OF AMERICA AND ARE TO BE USED FOR THE CONSTRUCTION OF SALE OF THE UNITED STATES OF AMERICA WITHOUT ANY PERMISSION.

1987 DIGITAL EQUIPMENT CORPORATION

LEGEND		
PART NO	REV.	DESCRIPTION
7024577-01	A01	AS SHOWN
7024577-02	A01	AS SHOWN

- NOTES:
1. MARK ITEM 8 WITH PART NO. AND REV. PER DEC STD 047. LOCATED APPROXIMATELY AS SHOWN.
 2. TORQUE REQUIREMENT:
ITEM 7 4-6 IN-LBS

INTERCONNECTION TABLE				
FROM		TO		
ITEM	DESCRIPTION	ITEM	DESCRIPTION	WITH
1 OR 2	MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BRN	3	ARC PROTECTION MODULE MH1	SOLDER
1 OR 2	MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP YEL	3	ARC PROTECTION MODULE MH2	SOLDER
1 OR 2	MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP RED	3	ARC PROTECTION MODULE MH3	SOLDER
1 OR 2	MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP GRN	3	ARC PROTECTION MODULE MH4	SOLDER
1 OR 2	MONITOR, LOGIC CONTROL MODULE WIRE W/PCB CRIMP BLU	3	ARC PROTECTION MODULE MH5	SOLDER



CAUTION: OFF SHEET PARTS LISTS EXISTS
SEE K-PL-7024577-0-DBP
(MLA1472A.PLS)

DESCRIPTION	DRAWING NO.	PART NO	ITEM NO		
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND THE FOLLOWING TOLERANCES APPLY (PER DEC STD 114)					
INCHES TOLERANCE	ANGLES 10°-30°	DIMENSIONS RANGE IN INCHES			
		OVER 0 TO 0.2	OVER 0.2 TO 0.5	OVER 0.5 TO 1.0	OVER 1.0 TO 2.0
APPLICABLE DIMENSION RANGE	SURFACE QUALITY	CHECK ONE			
APPLICABLE DIMENSION RANGE		APPLICABLE DIMENSION RANGE			
QUANTITY & VARIATION	THIRD ANGLE PROJECTION	DATE	TITLE		
DATE	Y.W. LEE	12-MAY-87	MONITOR & LOGIC W/ARC PROTECTION		
DATE	R.J. LIN	12-MAY-87	DOCUMENT NUMBER		
DATE	J. KUO	12-MAY-87	NUMBER		
DATE	O. LIN	12-MAY-87	REV.		
DATE	G. WU	12-MAY-87	A		
DATE	G. WU	12-MAY-87	D 1A 7024577-0-DBU		
DATE	G. WU	12-MAY-87	SCALE 1/1 SHEET 1 OF 1		

LINE	ITEM	TOP DOCUMENT	PART NUMBER	MIN REV	DESCRIPTION	01 A1	02 A1
1	1	B-DD-5417189-0-0	54-17189-01	A	MONITOR LOGIC CONTROL BOARD	1	-
2	2	B-DD-5417277-0-0	54-17277-01	A	LOGIC CNTRL BRD MONITOR	-	1
3	3	B-DD-5417339-0-0	54-17339-01	A	ARC PROTECTION BOARD	1	1
4	4	C-IA-7024597-0-DBU	70-24597-01	A	SHIELD/INSULATOR	1	1
5	5	C-IA-7025384-0-DBU	70-25384-01	A	COVER EMI W/GND FINGERS	1	1
6	6		90-09996-00		TIE,CABLE PRELOADED MAG.100 EA	2	2
7	7		12-23598-02		SCREW,PAN, WASHER 4-40	13	13
8	8		36-18460-03		LABEL,BAR CODE BLANK .90 X2.2	1	1

REVISION HISTORY			KPL MATRIX FORMAT		SECTION A OF A		DRN: Y.W. LEE		DIGITAL			
ENG	ECO NUMBER	REV	SECTION/VARIATION INDEX		DATE: 11-MAY-87		CHK'D: R.J. LIN		TITLE PARTS LIST			
---	INITIAL	A	[A] 01,02		DATE: 14-MAY-87		DATE: 11-MAY-87		MONITOR & LOGIC W/ARC PROTECTION			
			[B]		DES.ENG: J. KUO		DATE: 11-MAY-87		DOCUMENT NUMBER			
			[C]		RESP.ENG.: O. LIN		DATE: 14-MAY-87		SIZE	CODE	NUMBER	REV
			[D]		MFG.ENG: GORDON WU		DATE: 11-JUN-87		K	PL	7024577-0-DBP	A
			[E]						RELEASE DATE: 18-JUN-87			
			[F]						RELEASE STATUS: RELEASED			
			[G]									
			[H]									
			[I]									
			[J]									
			BASIC PART NUMBER:		ASSEMBLY NUMBER:		TOP DOCUMENT NUMBER:		FILE NAME:		EDIT #	
			7024577		D-IA-7024577-0-DBU		D-IA-7024577-0-DBU		MLA1472A.PLS		11	

"THIS DRAWING AND THE SPECIFICATIONS CONTAINED HEREIN ARE CONFIDENTIAL AND PROPRIETARY. THEY ARE THE PROPERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF ITEMS WITHOUT WRITTEN PERMISSION. THIS IS AN UNPUBLISHED WORK PROTECTED UNDER THE FEDERAL COPYRIGHT LAWS."